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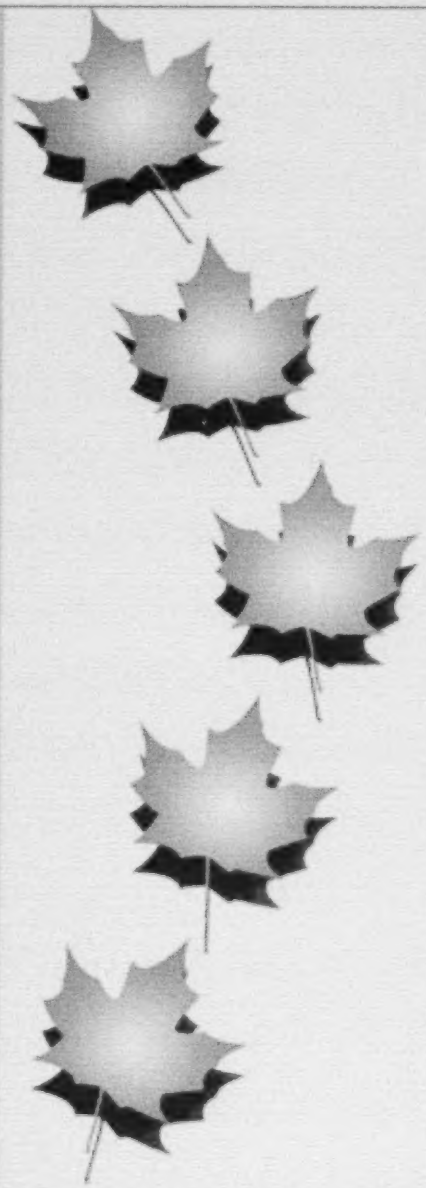

Canadian Patent Office Record

La Gazette du Bureau des brevets

Vol. 132 No. 36 September 7, 2004

Vol. 132 Nº. 36 le 7 septembre 2004

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application

[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Reissue Grant Date
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » . Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disposition publique
[45] - Date de délivrance
[48] - Date de redélivrance
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site at: **www.wipo.int/scit/en/standards/standards.htm**.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI à : **www.wipo.int/scit/fr/standards/standards.htm**.

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting **www.strategis.ic.gc.ca/patentsorder** or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting a copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site web au **www.strategis.ic.gc.ca/brevetscommande** ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 10 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 10 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing

2,218,155
2,242,833
2,306,658

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence.

2,218,155
2,242,833
2,306,658

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. PATENT COOPERATION TREATY (PCT)

SCHEDULE OF FEES APPLICABLE FROM JULY 26, 2004

1. **Transmittal Fee** (Rule 14)	**$300**
2. * **International Filing Fee** (Rule 15.2(a))	**$1489**
Amount for each additional sheet over 30	**$16**
3. **International Search Fee**	**$1600**

The above-mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Office). These fees are to be paid in Canadian dollars and made payable to the Receiver General for Canada.

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

5. **Late Payment Fee**
50% of the fees that are due, or,
Minimum: Transmittal Fee
Maximum: International Filing Fee

Preliminary Examination

6. **Handling Fee** (Rule 57.2(a))	**$213**
7. **Preliminary Examination Fee** (Rule 58)	**$800**

Beginning July 26, 2004, Canada will become the International Searching Authority and International Preliminary Examining Authority for international applications filed by Canadian applicants.

* International fees will be reduced by **$106** for all applications filed using PCT-SAFE**
** PCT-SAFE is replacing PCT-EASY.

11. TRAITÉ DE COOPÉRATION EN MATIERE DE BREVETS (PCT)

BARÈME DE TAXES À PARTIR DU 26 JUILLET 2004

1. **Taxe de transmission** (Règle 14)	**300 $**
2. ***Taxe de dépôt internationale** (Règle 15.2(a))	**1489 $**
Montant pour chaque feuille au delà de 30	**16 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande, (soit la date de réception de la demande internationale). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

5. **Taxe pour paiement tardif**
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : taxe de base

Examen préliminaire

6. **Taxe de traitement** (Règle 57.2(a))	**213 $**
7. **Taxe d'examen préliminaire** (Règle 58)	**800 $**

A partir du 26 juillet 2004, le Canada deviendra officiellement l'Autorité de Recherche Internationale et d'Examination Préliminaire International pour les demandes internationales déposées par les demandeurs canadiens.

*Les frais seront réduit de **106 $** pour toutes les demandes déposées en utilisant PCT-SAFE**
** PCT-SAFE remplacera PCT-EASY.

12. PCT notices

PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten).

(See PCT -Applicant's Guide, **http://www.wipo.int**)

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at Information Products Section, Post Office Box 18, 1211 Geneva 20, Switzerland, Telephone (011 41 22) 338-9618, Facsimile (011 41 22) 740-1812 or by "E-mail" at **publications.mail@wipo.int** or visit their Web site at **http//www.wipo.int**.

12. Avis PCT

Exigences des signatures du PCT

Veuillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire.
(Voir le Guide du déposant du PCT, **http://www.wipo.int**)

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à **publications.mail@wipo.int** ou visiter leur site Web à **http//www.wipo.int**.

13. PRACTICE NOTICE

STATUTORY HOLIDAYS *(DIES NON)*

Note: This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered

13. ÉNONCÉ DE PRATIQUE

JOURS FÉRIÉS (*DIES NON*)

Nota : Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non

and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day on which such Office or organization is not open to the public for the purposes of the transaction of official business, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other coun-

du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés.*

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

« Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant où ces deux circonstances n'existe plus. »

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il

tries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day)

When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

1) All Saturdays and Sundays
2) *New Year's Day (Jan. 1)
3) Good Friday
4) Easter Monday
5) Victoria Day - First Monday immediately preceding May 25
6) *St. John the Baptist Day (June 24)
7) *Canada Day (July 1)
8) Labour Day - First Monday in September
9) Thanksgiving Day - Second Monday in October
10) *Remembrance Day (November 11)
11) *Christmas Day (December 25)
12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

*If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte)

Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

1) Tous les samedi et dimanche
2) *Jour de l'An (1er janvier)
3) Vendredi Saint
4) Lundi de Pâques
5) Fête de Victoria - premier lundi précédant immédiatement le 25 mai
6) *Saint-Jean-Baptiste (le 24 juin)
7) *Fête du Canada (1er juillet)
8) Fête du travail - premier lundi de septembre
9) Jour de l'Action de grâces - deuxième lundi d'octobre
10) *Jour du souvenir (11 novembre)
11) *Jour de Noël (25 décembre)
12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

*Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 7, 2004 contains applications open to public inspection from August 15, 2004 to August 21, 2004

14. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 15 août 2004 au 21 août 2004

Canadian Patents Issued

September 7, 2004

Brevets canadiens délivrés

7 septembre 2004

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[11] **2,062,193**
[13] C
[51] **Int.Cl. 5C08G 18/62 5C08G 64/00 5C08G 63/12**
[25] EN
[54] **FUNCTIONALIZED POLYMERS**
[54] **POLYMERES FONCTIONNALISES**
[72] FORSTER, DENIS, US
[72] MCGRATH, MARTIN P., US
[72] SALL, ERIK D., US
[72] TREMONT, SAMUEL J., US
[73] MONSANTO COMPANY, US
[22] 1992-03-03
[30] US (07/663,998) 1991-03-04

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[13] C
[51] **Int.Cl. 5C08L 75/04 5C08L 57/00 5C08L 87/00 5C08L 101/00 5C08L 75/08**
[25] EN
[54] **CHAIN EXTENDED LOW MOLECULAR WEIGHT POLYOXIRANES AND ELECTROSTATIC DISSIPATING BLEND COMPOSITIONS BASED THEREON**
[54] **POLYOXIRANES DE FAIBLE MASSE MOLECULAIRE, A CHAINE ETENDUE; COMPOSITIONS A BASE DE CES PRODUITS POUR DISSIPATION ELECTROSTATIQUE**
[72] FAHEY, TIMOTHY EDWARD, US
[72] KOLYCHECK, EDMOND GEORGE, US
[72] SULLIVAN, FRANCIS RYAN, US
[72] WILSON, GARY FRANKLIN, US
[72] MERTZEL, ELAINE AUDREY, US
[73] NOVEON IP HOLDINGS CORP., US
[22] 1992-06-16
[30] US (717,949) 1991-06-20

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[51] **Int.Cl. 5G01B 5/30 5G01B 7/30**
[25] EN
[54] **SUPPORT SYSTEM FOR GAUGE BAR MEASURING SYSTEM**
[54] **SUPPORT POUR SYSTEME DE MESURE A TRINGLE DE JAUGEAGE**
[72] RUSSELL, H. VERNON, US
[73] HEIN-WERNER CORPORATION, US
[22] 1992-09-21
[30] US (07/766,852) 1991-09-27

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[51] **Int.Cl. 5C12N 15/31 5C07H 21/00 5C12P 21/08 5C12N 15/10 6C07K 16/12 6C07K 14/255 5A61K 39/40 5G01N 33/569 5G01N 33/577 5C12Q 1/68**
[25] FR
[54] **SEQUENCES NUCLEIQUES ISSUES DU GENOME DE SALMONELLA TYPHI, ET LEURS UTILISATIONS NOTAMMENT POUR LE DIAGNOSTIC IN VITRO DE LA PRESENCE DE BACTERIES DU GENRE SALMONELLA DANS LES PRODUITS ALIMENTAIRES**
[54] **NUCLEIC SEQUENCES FROM THE GENOME OF SALMONELLA TYPHI, AND USES THEREOF PARTICULARLY FOR THE IN VITRO DIAGNOSIS OF THE PRESENCE OF SALMONELLA BACTERIA IN FOODSTUFFS**
[72] POPOFF, MICHEL YVAN, FR
[72] DION, MICHEL PIERRE, FR
[73] INSTITUT PASTEUR, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[85] 1993-01-08
[86] 1991-07-11 (PCT/FR1991/000564)
[87] (WO1992/001056)
[30] FR (90/08852) 1990-07-11

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[51] **Int.Cl. 5B21K 25/00**
[25] EN
[54] **HIGH PRESSURE TURBINE COMPONENT INTERFERENCE FIT UP**
[54] **AJUSTEMENT AVEC SERRAGE DES COMPOSANTS D'UNE TURBINE HAUTE PRESSION**
[72] PLEMMONS, LARRY WAYNE, US
[72] PROCTOR, ROBERT, US
[72] ALBERS, ROBERT JOSEPH, US
[73] GENERAL ELECTRIC COMPANY, US
[22] 1993-01-21
[30] US (832,823) 1992-02-07

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[51] **Int.Cl. 6C07K 5/062 6A61K 38/05 5C07D 207/09 5C07C 279/14 5A61K 31/195 5C07D 211/34 5C07D 211/40 5A61K 31/445**
[25] EN
[54] **ASPARTIC ACID DERIVATIVES, THEIR PREPARATION AND USE**
[54] **DERIVES DE L'ACIDE ASPARTIQUE, LEUR FABRICATION ET LEUR UTILISATION**
[72] KLINGLER, OTMAR, DE
[72] ZOLLER, GERHARD, DE
[72] JUST, MELITTA, DE
[72] JABLONKA, BERND, DE
[73] CASSELLA AKTIENGESELLSCHAFT, DE
[22] 1993-04-08
[30] DE (P 42 12 304.6) 1992-04-13

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[51] **Int.Cl. 5C08G 59/64 5C09D 17/00 5C09D 163/04 5C25D 13/06 5C09D 5/44**
[25] EN
[54] **RESIN COMPOSITION FOR AQUEOUS PAINTS**
[54] **COMPOSITION A BASE DE RESINES POUR PEINTURES A L'EAU**
[72] FUJIBAYASHI, TOSHIO, JP
[72] NAGAOKA, HARUO, JP
[73] KANSAI PAINT CO., LTD., JP
[22] 1993-04-23
[30] JP (129,740/92) 1992-04-24

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[13] C
[51] **Int.Cl. 5E01C 5/00 5E04C 2/30**
[25] EN
[54] **CONCRETE OR CERAMICS ELEMENTS**
[54] **ELEMENTS EN BETON OU EN CERAMIQUE**
[72] SCHEIWILLER, RENE, CH
[73] SCHEIWILLER, RENE, CH
[22] 1993-05-26

[11] **2,100,031**
[13] C
[51] **Int.Cl. 5C07C 59/48 5A24B 15/30**
[25] EN
[54] **SMOKING COMPOSITIONS CONTAINING AN ALPHA-ALKYLCINNAMALDEHYDE-RELEASE ADDITIVE**
[54] **COMPOSANTS DE FUMEE DE CIGARETTE RENFERMANT UN ADDITIF LIBERANT UN ALPHA-ALKYLCINNAMALDEHYDE**
[72] CHAN, W. GEOFFREY, US
[72] EDWARDS, WILLIAM B., III, US
[72] GRUBBS, HARVEY J., US
[72] HOUMINER, YORAM, US
[72] HOWE, CHARLES R., US
[72] NAWORAL, JOHN D., US
[72] PAINE, JOHN B., III, US
[72] PODRAZA, KENNETH F., US
[72] SANDERS, EDWARD B., US
[72] SEEMAN, JEFFREY I., US
[72] SOUTHWICK, EVERETT W., US
[73] PHILIP MORRIS PRODUCTS INC., US
[22] 1993-07-07
[30] US (911,274) 1992-07-09

[11] **2,101,193**
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[51] **Int.Cl. 5C07C 331/32**
[25] EN
[54] **NOVEL PROCESS OF ALKOXY AND ARYLOXY ISOTHIOCYANATE PREPARATION**
[54] **METHODE DE PREPARATION D'ALCOXY ET D'ARYOXY-ISOTHIOCYANATES**
[72] WANG, SANUEL SHAN-NING, US
[72] MAGLIOCCO, LINO GIOVANNI, US
[73] AMERICAN CYANAMID COMPANY, US
[22] 1993-07-23
[30] US (07/923,765) 1992-07-27

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[51] **Int.Cl. 5C08L 71/12 5C08L 63/02 5C08J 5/24**
[25] EN
[54] **POLYPHENYLENE ETHER/POLYEPOXIDE RESIN SYSTEM FOR ELECTRICAL LAMINATES**
[54] **RESINE A BASE D'ETHER DE POLYPHENYLENE/POLYEPOXYDE POUR FABRIQUER DES STRATIFIES DE QUALITE ELECTRIQUE**
[72] DAVIS, MICHAEL J., US
[72] TRACY, JAMES E., US
[72] TREWILER, CARL E., US
[73] GENERAL ELECTRIC COMPANY, US
[22] 1993-11-04

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[51] **Int.Cl. 5A61K 47/44 5A61K 47/10 5A61K 47/14 5A61K 47/26 5A61K 31/34**
[25] FR
[54] **NOUVELLES COMPOSITIONS A BASE DE DERIVES DE LA CLASSE DES TAXANES**
[54] **NOVEL COMPOSITIONS BASED ON TAXANE CLASS DERIVATIVES**
[72] BASTART, JEAN-PIERRE, FR
[72] DUPECHEZ, THIERRY, FR
[72] FABRE, JEAN-LOUIS, FR
[73] AVENTIS PHARMA S.A., FR
[85] 1993-11-09
[86] 1992-07-03 (PCT/FR1992/000624)
[87] (WO1993/000928)
[30] FR (91 08527) 1991-07-08

[11] **2,105,709**
[13] C
[51] **Int.Cl. 5C07C 69/00 5C07D 333/00 5A61K 31/00 5C07D 235/08 5C07D 495/14 5C07D 207/16 5C07D 209/42 5C07D 215/48 5C07D 233/60 5C07C 323/62 5C07C 271/64 5C07D 213/79**
[25] EN
[54] **SUBSTITUTED CYCLOHEXANE DERIVATIVES, PROCESSES FOR THEIR PREPARATION AND THE USE OF THE COMPOUNDS FOR TREATING DISEASES**
[54] **DERIVES CYCLOHEXANE SUBSTITUES, PROCEDE POUR LEUR PREPARATION ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES**
[72] HEMMERLE, HORST, DE
[72] SCHINDLER, PETER, DE
[72] HERLING, ANDREAS, DE
[73] HOECHST AKTIENGESELLSCHAFT, DE
[22] 1993-09-08
[30] DE (P 42 30 067.3) 1992-09-09

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[25] EN
[54] **ETHYLENE-.ALPHA.-OLEFIN COPOLYMER AND A MOLDED ARTICLE THEREFOR**
[54] **COPOLYMERE D'ETHYLENE-.ALPHA.-OLEFINE ET ARTICLE MOULE A BASE DE CE PRODUIT**
[72] SASAKI, TOSHIO, JP
[72] MIYAZAKI, KOHZOH, JP
[72] SHIRAISHI, HIROYUKI, JP
[72] SHIGEMATSU, YUJI, JP
[72] JOHOJI, HIROFUMI, JP
[72] UEMURA, AKIO, JP
[72] SATO, YUFU, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[30] JP (04-241749) 1992-09-10

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[51] **Int.Cl. 5A61B 17/34**
[25] EN
[54] **TROCAR**
[54] **TROCART**
[72] METCALF, GERALD LEIGH, US
[72] POFF, BRADLEY CHARLES, US
[72] BARKER, JOHN M., US
[73] SHERWOOD SERVICES AG, CH
[22] 1993-10-06
[30] US (07/958964) 1992-10-09

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[51] **Int.Cl. 5B25J 3/00 5B25J 18/00**
[25] EN
[54] **IMPROVED ROBOTIC ARM FOR HANDLING PRODUCT**
[54] **BRAS DE ROBOT DE MANIPULATION**
[72] FALLAS, DAVID M., US
[73] FALLAS, DAVID M., US
[22] 1994-03-04
[30] US (08/027,748) 1993-03-08

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[51] **Int.Cl. 5B01J 12/00 5F22B 1/18**
[25] EN
[54] **METHOD OF RETROFITTING A HETEROGENEOUS EXOTHERMIC SYNTHESIS REACTOR**
[54] **METHODE DE MODERNISATION D'UN REACTEUR HETEROGENE DE SYNTHESE EXOTHERMIQUE**
[72] PAGANI, GIORGIO, IT
[72] FILIPPI, ERMANNO, CH
[72] ZARDI, UMBERTO, CH
[73] AMMONIA CASALE S.A., CH
[73] ZARDI, UMBERTO, CH
[22] 1994-10-13
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[51] **Int.Cl. 5A63B 67/14**
[25] EN
[54] **GLIDING OBJECT AS RECREATIONAL SPORTING GOODS**
[54] **ARTICLES DE SPORT VOLANTS**
[72] TANAKA, KOICHI, JP
[73] CHUBU BEARING KABUSHIKI KAISHA, JP
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[30] JP (113,828/93) 1993-04-15
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[51] **Int.Cl. 5B22F 3/12**
[25] EN
[54] **METHODS FOR ALLOY MIGRATION SINTERING**
[54] **METHODE DE FRITTAGE A PARTIR D'UN MATERIAU NON SUSCEPTIBLE DE FRITTAGE**
[72] FELDSTEIN, ROBERT S., US
[73] POWERGENIX SYSTEMS, INC., CA
[85] 1994-04-22
[86] 1992-10-20 (PCT/US1992/008934)
[87] (WO1993/007978)
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[51] **Int.Cl. 5B63H 23/30**
[25] EN
[54] **DRIVE TRANSMISSION SYSTEM FOR VESSEL PROPELLING EQUIPMENT**
[54] **TRANSMISSION DE GROUPE PROPULSEUR MARIN**
[72] SODA, CHIHARU, JP
[72] FUJITA, YASUSHI, JP
[72] FUKUDA, YOSHIHIKO, JP
[72] ICHIHASHI, KAORU, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD .), JP
[22] 1994-05-24
[30] JP (144430/1993) 1993-05-25
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[51] **Int.Cl. 5A01N 65/00 5A01N 25/08 5A01N 25/34**
[25] EN
[54] **A LIQUID COMPOSITION HAVING A MOTH-REPELLING EFFECT**
[54] **COMPOSITION LIQUIDE A EFFET ANTIMITE**
[72] BACHMANN, SYLVIA, CH
[73] ORPHEA S.A., CH
[73] DE LEURIKS B.V., NL
[22] 1994-06-20
[30] CH (01 891/93-6) 1993-06-24

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[51] **Int.Cl. 5C01B 3/50**
[25] FR
[54] **PROCEDE DE TRAITEMENT DE PRODUIT ISSU DU REFORMAGE CATALYTIQUE**
[54] **CATALYTIC REFORMING PROCESS AND PRODUCTS THEREOF**
[72] DOMERGUE, BRUNO, FR
[72] FISCHER, BEATRICE, FR
[72] MANK, LARRY, FR
[73] INSTITUT FRANCAIS DU PETROLE, FR
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[30] FR (93/08 413) 1993-07-08

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[51] **Int.Cl. 5C08G 14/10**
[25] EN
[54] **WATER-INSOLUBLE MELAMINE-FORMALDEHYDE RESINS**
[54] **RESINES DE MELAMINE-FORMALDEHYDE INSOLUBLES DANS L'EAU**
[72] GUENTHER, ERHARD, DE
[72] REUTHER, WOLFGANG, DE
[72] KIRCHGASSNER, UWE, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[22] 1994-09-09
[30] DE (P 43 30 910.0) 1993-09-11

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[51] **Int.Cl. 5C08G 18/10 5C09D 175/04**
[25] EN
[54] **A WATER-SOLUBLE OR WATER-DISPERSIBLE POLYLSOCYANATE COMPOSITION, A PROCESS FOR ITS PREPARATION AND ITS USE IN COATING COMPOSITIONS**
[54] **COMPOSITION A BASE DE POLYISOCYANATE HYDROSOLUBLE OU MISCIBLE DANS L'EAU, PROCEDE POUR SA PREPARATION ET SON UTILISATION DANS LES COMPOSITIONS DE REVETEMENT**
[72] SCHMALSTIEG, LUTZ, DE
[72] KREMER, WOLFGANG, DE
[72] BRAHM, MARTIN, DE
[72] PROBST, JOACHIM, DE
[72] KUBITZA, WERNER, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[22] 1994-09-19
[30] DE (P 4332322.7) 1993-09-23

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[51] **Int.Cl. 5C08G 18/72**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF SEMIRIGID FOAMS CONTAINING URETHANE GROUPS WITH IMPROVED FLOW PROPERTIES**
[54] **PROCEDE SERVANT A PRODUIRE DES MOUSSES SEMI-RIGIDES CONTENANT DES GROUPES D'URETHANE AUX PROPRIETES D'ECOULEMENT AMELIOREES**
[72] LIMAN, ULRICH, DE
[72] GANSEN, PETER, US
[73] BAYER AKTIENGESELLSCHAFT, DE
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[54] **CARTOUCHE POUR APPAREIL DE CHAUFFAGE MICRO-ONDES SUR CANALISATION**
[72] CARR, KENNETH L., US
[73] MICROWAVE MEDICAL SYSTEMS, US
[22] 1994-10-25
[30] US (08/142,577) 1993-10-26

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[13] C
[51] **Int.Cl. 5A01K 11/00**
[25] EN
[54] **A CARRIER FOR AN ELECTRONIC IDENTIFICATION DEVICE**
[54] **SUPPORT POUR DISPOSITIF D'IDENTIFICATION ELECTRONIQUE**
[72] REBOUL, JEROME, FR
[72] VAN AMELSFORT, PETRUS AUGUSTINUS, NZ
[73] ALLFLEX NEW ZEALAND LIMITED, NZ
[85] 1994-11-09
[86] 1993-05-13 (PCT/NZ1993/000037)
[87] (WO1993/022907)
[30] NZ (242727) 1992-05-13

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[54] **PROJECTILE WITH SABOT**
[54] **PROJECTILE MUNI D'UN SABOT**
[72] KINCHIN, ANTHONY E., GB
[73] KINCHIN, ANTHONY E., GB
[22] 1994-12-29
[30] US (08/176,936) 1994-01-03

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[51] **Int.Cl. 6H03H 17/02 6G06F 17/14**
[25] EN
[54] **DIGITAL FILTER HAVING HIGH ACCURACY AND EFFICIENCY**
[54] **FILTRE NUMERIQUE DE GRANDE PRECISION ET DE GRANDE EFFICACITE**
[72] MCGRATH, DAVID STANLEY, AU
[73] LAKE TECHNOLOGY LIMITED, AU
[85] 1995-01-03
[86] 1993-07-05 (PCT/AU1993/000330)
[87] (WO1994/001933)
[30] AU (PL 3386) 1992-07-07
[30] AU (PL 3387) 1992-07-07
[30] AU (PL 8357) 1993-04-20

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[13] C
[51] **Int.Cl. 6B26D 1/157**
[25] EN
[54] **PROCESS FOR THE CUTTING SURFACE TREATMENT OF ELASTOMERS**
[54] **PROCEDE SERVANT A TRAITER DES SURFACES DE COUPE RECOUVERTES D'ELASTOMERES**
[72] SCHOLZ, GUNTER, DE
[72] STAMMEL, WILLI, DE
[73] FELIX BOTTCHER GMBH & CO., DE
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[51] **Int.Cl. 6C07D 403/00 6C07D 401/14**
[25] EN
[54] **PROCESS FOR PREPARING INDOLE DERIVATIVES CONTAINING A 1,2,4-TRIAZOL-1-YL SUBSTITUENT**
[54] **PROCEDE D'OBTENTION DE DERIVES INDOLIQUES CONTENANT UN SUBSTITUANT DU TYPE 1,2,4-TRIAZOL-1-YL**
[72] HOUGHTON, PETER GRENVILLE, GB
[73] MERCK SHARP & DOHME LIMITED, GB
[85] 1995-01-12
[86] 1993-07-15 (PCT/GB1993/001493)
[87] (WO1994/002476)
[30] GB (9215526.6) 1992-07-22

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[13] C
[51] **Int.Cl. 6F21V 8/00 6G02B 6/00 6G02B 6/10**
[25] EN
[54] **LIGHT TRANSMITTING APPARATUS**
[54] **DISPOSITIF TRANSMETTANT LA LUMIERE**
[72] TANAKA, TAKAO, JP
[73] JAPAN STORAGE BATTERY CO., LTD., JP
[22] 1995-02-27

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[11] **2,143,953**
[13] C
[51] **Int.Cl. 6H01S 3/04**
[25] EN
[54] **DEVICE FOR HOLDING A CYLINDRICAL LASER TUBE IN A STABLE RADIATION DIRECTION**
[54] **DISPOSITIF POUR MAINTENIR UN TUBE DE LASER CYLINDRIQUE DANS UNE DIRECTION DE RAYONNEMENT STABLE**
[72] MEIER, DIETRICH, CH
[73] LEICA GEOSYSTEMS AG, CH
[85] 1995-03-06
[86] 1994-07-05 (PCT/EP1994/002203)
[87] (WO1995/002265)
[30] DE (P 43 22 723.6) 1993-07-08

[11] **2,144,996**
[13] C
[51] **Int.Cl. 6G02B 5/18 6G03B 21/00 6G03B 21/12 6G02B 27/18**
[25] EN
[54] **DIFFRACTIVE DISPLAY UTILIZING REFLECTIVE OR TRANSMISSIVE LIGHT YIELDING SINGLE PIXEL FULL COLOR CAPABILITY**
[54] **AFFICHEUR COULEUR A DIFFRACTION UTILISANT LA LUMIERE REFLECHIE OU LA LUMIERE TRANSMISE**
[72] ODHNER, JEFFERSON E., US
[72] SMITH, DANIEL J., US
[72] BHAT, SHAILESH S., US
[72] CULLEN, DONALD L., US
[72] WASSON, KEN G., US
[73] LUCKOFF DISPLAY CORPORATION, US
[85] 1995-03-16
[86] 1994-07-12 (PCT/US1994/007584)
[87] (WO1995/002838)
[30] US (093,255) 1993-07-16

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[11] **2,147,481**
[13] C
[51] **Int.Cl. 6B29C 43/02 6B29C 43/22 6B29D 23/24**
[25] EN
[54] **PROCESS OF MANUFACTURING FORMED PARTS MADE OF HOT-FORMABLE PLASTICS**
[54] **PROCEDE DE FABRICATION D'ELEMENTS PROFILES A PARTIR DE THERMOPLASTIQUES SYNTHETIQUES**
[72] SCHNALLINGER, HELFRIED, AT
[73] SCHNALLINGER, HELFRIED, AT
[85] 1995-04-20
[86] 1993-10-20 (PCT/AT1993/000159)
[87] (WO1994/008772)
[30] AT (A 2081/92) 1992-10-21

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[11] **2,148,490**
[13] C
[51] **Int.Cl. 6G01D 5/14 6B60T 15/14 6B60T 13/66**
[25] EN
[54] **SIGNAL GENERATOR**
[54] **GENERATEUR DE SIGNAUX**
[72] PADULA, SANTO ANTHONY, US
[72] JOHNSON, DUANE RICHARD, US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 1995-05-02
[86] 1993-10-28 (PCT/US1993/010363)
[87] (WO1994/011227)
[30] US (07/974,648) 1992-11-10

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[11] **2,151,149**
[13] C
[51] **Int.Cl. 6C07D 327/00 6C07D 339/00 6C07D 291/02 6C08G 75/06 6C08G 75/14 6C08G 75/20 6C07D 285/36**
[25] EN
[54] **NOVEL RING OPENING MONOMERS**
[54] **NOUVEAUX MONOMERES POUR L'OUVERTURE DE CYCLES**
[72] RIZZARDO, EZIO, AU
[72] EVANS, RICHARD ALEXANDER, AU
[72] MOAD, GRAEME, AU
[72] THANG, SAN HOA, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 1995-06-06
[86] 1993-12-21 (PCT/AU1993/000667)
[87] (WO1994/014792)
[30] AU (PL6516/92) 1992-12-22
[30] AU (PL6661/93) 1993-01-05

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[11] **2,152,437**
[13] C
[51] **Int.Cl. 6D07B 1/06**
[25] EN
[54] **STRANDED WIRE ROPE OR CABLE HAVING MULTIPLE STRANDED ROPE ELEMENTS AND METHOD OF ITS MANUFACTURE**
[54] **CABLE DE FILS TORSADES COMPORTANT DE MULTIPLES ELEMENTS DE TORSADE, ET METHODE DE FABRICATION**
[72] KOPANAKIS, GEORG A., DE
[73] FATZER AG, CH
[22] 1995-06-22

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[11] **2,152,499**
[13] C
[51] **Int.Cl. 6B01D 35/18 6B01D 1/00**
[25] EN
[54] **APPARATUS FOR REMOVING SOLID AND VOLATILE CONTAMINANTS FROM LIQUIDS**
[54] **APPAREIL POUR EXTRAIRE DES CONTAMINANTS SOLIDES ET VOLATILS DANS DES LIQUIDES**
[72] ARNTZ, THOMAS L., US
[73] PREMO LUBRICATION TECHNOLOGIES, INC., US
[85] 1995-06-22
[86] 1993-12-22 (PCT/US1993/012533)
[87] (WO1994/015689)
[30] US (07/998,225) 1992-12-30

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[11] **2,153,514**
[13] C
[51] **Int.Cl. 6B66B 13/14**
[25] EN
[54] **LIFT INSTALLATION WITH PRIMARY AND SECONDARY TRANSMITTER RECEIVER MEANS**
[54] **CONFIGURATION D'ASCENSEUR AVEC UN EMETTEUR RECEPTEUR PRIMAIRE ET SECONDAIRE**
[72] PLATT, TERENCE CHRISTOPHER, GB
[73] MEMCO LIMITED, GB
[22] 1995-07-10
[30] GB (9415772.4) 1994-08-04

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[11] **2,153,902**
[13] C
[51] **Int.Cl. 6C08J 9/14 6C08J 9/18**
[25] EN
[54] **PROCESS FOR MAKING ETHYLENIC POLYMER FOAM STRUCTURES**
[54] **PROCEDE DE FABRICATION DE STRUCTURES EN MOUSSE D'UN POLYMERE ETHYLENIQUE**
[72] PARK, CHUNG P., DE
[72] STEVENS, JAMES C., US
[72] KNIGHT, GEORGE W., US
[73] DOW GLOBAL TECHNOLOGIES INC., US
[85] 1995-07-13
[86] 1994-03-04 (PCT/US1994/002361)
[87] (WO1994/021717)
[30] US (08/032,917) 1993-03-18
[30] US (08/054,330) 1993-04-28

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[11] **2,156,154**
[13] C
[51] **Int.Cl. 6B01F 5/20**
[25] EN
[54] **APPARATUS AND METHOD FOR WETTING POWDER**
[54] **APPAREIL ET METHODE POUR HUMECTER UNE MATIERE PARTICULAIRE**
[72] CROFT, PETER, US
[72] HOPSON, BRIAN CAMERON, US
[72] JORDAN, JOEL STEVEN, US
[72] ROTT, GERALD MUIR, US
[72] TINTO, JOSEPH VINCENT, US
[73] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB
[85] 1995-08-15
[86] 1994-02-23 (PCT/GB1994/000358)
[87] (WO1994/019095)
[30] US (025,360) 1993-02-26

[11] **2,157,087**
[13] C
[51] **Int.Cl. 6H01R 13/658 6H01R 17/12 6H01R 23/72**
[25] EN
[54] **PLUG-TYPE CONNECTOR FOR WIRING BACKPLANES**
[54] **CONNECTEURS POUR FOND DE PANIER**
[72] ZELL, KARL, DE
[72] SEIDEL, PETER, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 1995-08-28
[30] EP (94113446.2) 1994-08-29

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[11] **2,157,775**
[13] C
[51] **Int.Cl. 6A61L 2/04 6A61L 11/00**
[25] EN
[54] **METHOD AND SYSTEM FOR DETOXIFYING SOLID WASTE**
[54] **SYSTEME DE DETOXIFICATION DES DECHETS SOLIDES ET METHODE CONNEXE**
[72] GALLOWAY, TERRY RANDOLPH, US
[73] SCIENTIFIC ECOLOGY GROUP, INC. (THE), US
[85] 1995-09-07
[86] 1994-03-02 (PCT/US1994/002292)
[87] (WO1994/020149)
[30] US (08/027,360) 1993-03-08

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[11] **2,160,421**
[13] C
[51] **Int.Cl. 6H01T 4/02 6H01T 1/12**
[25] EN
[54] **DEVICE FOR INDICATING A FAULTY CONDITION OF AN ELECTRICAL APPARATUS, IN PARTICULAR OF A SURGE ARRESTER**
[54] **DISPOSITIF INDICATEUR DE FAUTE DANS UN APPAREIL ELECTRIQUE, NOTAMMENT EN CAS DE SURTENSION**
[72] SCHMIDT, WALTER, CH
[73] ABB SCHWEIZ HOLDING AG, CH
[22] 1995-10-12
[30] DE (195 06 307.4) 1995-02-23

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[11] **2,163,757**
[13] C
[51] **Int.Cl. 6A47L 15/44 6C11D 7/42**
[25] EN
[54] **A PROCESS AND AN ARRANGEMENT FOR MACHINE DISHWASHING**
[54] **PROCEDE ET ARRANGEMENT POUR MACHINE A LAVER LA VAISSELLE**
[72] BREYER, JACQUES, BE
[72] HELLMANN, GUENTER, DE
[72] HEMM, DIETER, DE
[72] WILBERT, KLAUS, DE
[73] HENKEL-ECOLAB GMBH & CO. OHG, DE
[85] 1995-11-27
[86] 1994-05-25 (PCT/EP1994/001698)
[87] (WO1994/027488)
[30] DE (P 43 17 295.4) 1993-05-25
[30] DE (P 43 24 106.9) 1993-07-17
[30] DE (P 43 24 202.2) 1993-07-19

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[11] **2,166,819**
[13] C
[51] **Int.Cl. 6H01R 13/635**
[25] EN
[54] **ELECTRICAL PLUG WITH LEVER FOR DISENGAGEMENT FROM A MATING RECEPTACLE**
[54] **FICHE ELECTRIQUE AVEC LEVIER DESTINE A EN FACILITER LE DEGAGEMENT D'UNE PIECE DE COURANT**
[72] MADDOCK, WILLIAM H., CA
[73] WOODS INDUSTRIES (CANADA) INC., CA
[22] 1996-01-09
[30] US (08/375,888) 1995-01-20

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[11] **2,166,898**
[13] C
[51] **Int.Cl. 6C07C 401/00 6C07C 62/00 6C07C 69/03 6A61K 31/045 6C07D 303/14 6C07C 43/188 6C07C 35/27 6C07C 47/28 6C07C 49/29 6A61K 31/335 6A61K 31/59 6C07C 309/63**
[25] EN
[54] **NOVEL STRUCTURAL ANALOGUES OF VITAMIN D**
[54] **NOUVEAUX ANALOGUES STRUCTURELS DE LA VITAMINE D**
[72] BOUILLON, ROGER, BE
[72] VANDEWALLE, MAURITS, BE
[72] DE CLERCQ, PIERRE JEAN, BE
[73] LABORATOIRE THERAMEX, MC
[85] 1996-01-09
[86] 1994-07-07 (PCT/EP1994/002294)
[87] (WO1995/001960)
[30] EP (93202037.3) 1993-07-09

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[11] **2,167,168**
[13] C
[51] **Int.Cl. 6B01F 5/00**
[25] EN
[54] **APPARATUS FOR MIXING THE COMPONENTS OF A FLUID FLOW**
[54] **APPAREIL POUR MELANGER LES COMPOSANTS D'UN ECOULEMENT FLUIDE**
[72] LINGA, HARALD, NO
[72] ONSRUD, GISLE, NO
[72] SAGLI, JAN RICHARD, NO
[73] DEN NORSKE STATS OLJESELSKAP A.S., NO
[85] 1996-01-12
[86] 1994-07-13 (PCT/NO1994/000125)
[87] (WO1995/002448)
[30] NO (932564) 1993-07-14

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[11] **2,173,594**
[13] C
[51] **Int.Cl. 6A61M 1/14**
[25] EN
[54] **METHODS AND COMPOSITIONS OF A BIOARTIFICIAL KIDNEY SUITABLE FOR USE IN VIVO OR EX VIVO**
[54] **PROCEDES ET COMPOSITIONS CONCERNANT UN REIN BIOARTIFICIEL CONVENANT POUR UNE UTILISATION IN VIVO OU EX VIVO**
[72] CIESLINSKI, DEBORAH A., US
[72] HUMES, H. DAVID, US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 1996-04-04
[86] 1994-10-11 (PCT/US1994/011384)
[87] (WO1995/011048)
[30] US (133,436) 1993-10-08

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[11] **2,173,744**
[13] C
[51] **Int.Cl. 6F41A 27/30**
[25] EN
[54] **IMPROVED WEAPON STABILIZATION SYSTEM**
[54] **SYSTEME AMELIORE DE STABILISATION D'UNE ARME**
[72] NG, MICHAEL S., US
[72] WROBLE, ARTHUR J., US
[73] CADILLAC GAGE TEXTRON INC., US
[85] 1996-04-09
[86] 1994-11-14 (PCT/US1994/013023)
[87] (WO1995/013514)
[30] US (150,890) 1993-11-12

[11] **2,174,645**
[13] C
[51] **Int.Cl. 6C12P 17/18 6C12N 1/14 6C07D 491/16 6C07D 491/22 6A61K 31/40 6A01N 43/90**
[25] EN
[54] **POLYCYCLIC ANTIPARASITIC AGENTS, PROCESS AND STRAIN FOR THEIR PREPARATION AND THEIR USE**
[54] **AGENTS ANTIPARASITES POLYCYCLIQUES, PROCEDE ET SOUCHE UTILISES DANS LEUR PREPARATION, ET LEUR UTILISATION**
[72] POLISHOOK, JON D., US
[72] ONDEYKA, JOHN G., US
[72] OSTLIND, DAN A., US
[72] DOMBROWSKI, ANNE W., US
[72] ENDRIS, RICHARD G., US
[72] HELMS, GREGORY L., US
[72] HENSENS, OTTO D., US
[72] ZINK, DEBORAH L., US
[73] MERCK & CO., INC., US
[85] 1996-04-19
[86] 1994-10-27 (PCT/US1994/012302)
[87] (WO1995/012599)
[30] US (146,638) 1993-11-01

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[11] **2,178,156**
[13] C
[51] **Int.Cl. 6H04N 5/57**
[25] EN
[54] **TELEVISION RECEIVER INCLUDING SHADING CORRECTION WITHOUT DETERIORATING S/N RATIO**
[54] **RECEPTEUR DE TELEVISION A CORRECTION DES OMBRAGES SANS DEGRADATION DU RAPPORT SIGNAL SUR BRUIT**
[72] OSUGA, SATOSHI, JP
[72] INAMOTO, YOSHIHIRO, JP
[72] KIKUCHI, HIROAKI, JP
[73] SONY CORPORATION, JP
[22] 1996-06-04
[30] JP (P07-142053) 1995-06-08

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[11] **2,183,357**
[13] C
[51] **Int.Cl. 6A47B 85/04 6A47B 83/02 6A47B 37/04**
[25] EN
[54] **MULTI-PURPOSE CONVERTIBLE FURNITURE**
[54] **MEUBLE TRANSFORMABLE A USAGES MULTIPLES**
[72] SZANTOR, LASZLO, CA
[72] COOPER, ROBERT JAMES, GB
[73] COOPER, ROBERT JAMES, GB
[85] 1996-08-14
[86] 1995-02-14 (PCT/CA1995/000069)
[87] (WO1995/021558)
[30] CA (2115685) 1994-02-15

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[11] **2,188,504**
[13] C
[51] **Int.Cl. 6C08G 18/10 6C08G 18/22 6C08G 18/32 6C08G 18/42**
[25] EN
[54] **A PROCESS FOR PREPARING SOLID ELASTOMERIC POLYURETHANES HAVING REDUCED SURFACE SKINNING**
[54] **METHODE POUR PREPARER DES POLYURETHANES ELASTOMERES SOLIDES AVEC FORMATION REDUITE DE PEAU**
[72] PANTONE, RICHARD S., US
[72] SARPESHKAR, ASHOK M., US
[73] BAYER CORPORATION, US
[22] 1996-10-22
[30] US (08/580,268) 1995-12-28

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[11] **2,189,245**
[13] C
[51] **Int.Cl. 6C03B 5/18 6B09B 3/00 6G21F 9/28**
[25] EN
[54] **APPARATUS AND METHOD FOR VITRIFYING HAZARDOUS WASTE**
[54] **APPAREIL ET PROCEDE DE VITRIFICATION DE DECHETS DANGEREUX**
[72] WETMORE, KENNETH H., US
[72] KORMANYOS, KENNETH R., US
[72] COX, STEPHEN F., US
[73] STIR-MELTER, INC., US
[85] 1996-10-30
[86] 1995-03-20 (PCT/US1995/003501)
[87] (WO1995/032026)
[30] US (08/246,414) 1994-05-20

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[11] **2,189,460**
[13] C
[51] **Int.Cl. 6B65D 77/24 6F25D 5/00 6F24J 1/00 6A47J 36/28 6B65D 81/32**
[25] EN
[54] **CONTAINER WITH INTEGRAL MODULE FOR HEATING OR COOLING THE CONTENTS**
[54] **CONTENANT AVEC MODULE INCORPORE DESTINE AU CHAUFFAGE OU AU REFROIDISSEMENT DU CONTENU**
[72] SCUDDER, JAMES A., US
[72] BERNTSEN, JAMES L., US
[73] INSTA-HEAT, INC., US
[85] 1996-11-01
[86] 1995-05-26 (PCT/US1995/006836)
[87] (WO1995/032656)
[30] US (08/250,537) 1994-05-31

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[11] **2,192,729**
[13] C
[51] **Int.Cl. 6D21G 9/00 6D21F 1/16**
[25] EN
[54] **COMPOSITE PAPERMAKING FABRIC WITH PAIRED WEFT BINDER YARNS**
[54] **TOILE COMPOSITE AVEC PAIRAGE DE FIL DE LIAGE, POUR LA FABRICATION DU PAPIER**
[72] CHAPLIN, DEREK G., CA
[72] JOHNSON, DALE B., CA
[72] SEABROOK, RONALD H., CA
[72] BARRETT, REX, US
[73] ASTENJOHNSON, INC., CA
[22] 1996-12-12
[30] GB (9604602.4) 1996-03-04

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[11] **2,197,632**
[13] C
[51] **Int.Cl. 6H04Q 1/02 6H05K 7/00 6H02G 3/10**
[25] EN
[54] **HINGED FOLD DOWN PANEL KIT**
[54] **ENSEMBLE DE PANNEAUX RABATTABLES A CHARNIERE**
[72] BULLIVANT, TODD J., US
[73] HUBBELL INCORPORATED, US
[22] 1997-02-14
[30] US (08/711,938) 1996-09-04

[11] **2,200,253**
[13] C
[51] **Int.Cl. 6F02M 37/22 6F02C 7/22**
[25] FR
[54] **CIRCUIT D'ALIMENTATION DE CARBURANT PERMETTANT LA DECONTAMINATION DU DEBIT DOSE INJECTE**
[54] **FUEL SUPPLY SYSTEM FOR DECONTAMINATING INJECTED FUEL**
[72] HALIN, YVES ROBERT, FR
[73] SNECMA MOTEURS, FR
[22] 1997-03-18
[30] FR (96.03498) 1996-03-21

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[11] **2,202,741**
[13] C
[51] **Int.Cl. 6G11B 27/022**
[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR MANAGING THE USE AND STORAGE OF DIGITAL INFORMATION**
[54] **SYSTEME, APPAREIL ET METHODE DE GESTION DE L'UTILISATION ET DU STOCKAGE DE L'INFORMATION NUMERIQUE**
[72] MERCER, JEREMY E., US
[72] NADAS, THOMAS P., CA
[72] ZAMISKA, JAMES C., CA
[73] AVID TECHNOLOGY, INC., US
[22] 1997-04-15

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[11] **2,205,971**
[13] C
[51] **Int.Cl. 6G01V 3/26**
[25] EN
[54] **DETERMINING ELECTRICAL CONDUCTIVITY OF AN EARTH LAYER**
[54] **DETERMINATION DE LA CONDUCTIBILITE ELECTRIQUE D'UNE COUCHE TERRESTRE**
[72] VAN DER HORST, MELIS, NL
[73] SHELL CANADA LIMITED, CA
[85] 1997-05-23
[86] 1995-12-04 (PCT/EP1995/004821)
[87] (WO1996/018120)
[30] EP (94203529.6) 1994-12-05

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[11] **2,206,010**
[13] C
[51] **Int.Cl. 6B66F 7/08**
[25] EN
[54] **HEAVY VEHICLE LIFTING DEVICE AND METHOD**
[54] **DISPOSITIF DE LEVAGE DE VEHICULE LOURD ET METHODE**
[72] BRIAND, JEAN, CA
[72] MARINIER, SERGE, CA
[72] BELLEY, CHRISTIAN, CA
[73] 3991814 CANADA INC., CA
[22] 1997-05-23

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[11] **2,208,945**
[13] C
[51] **Int.Cl. 6B23P 15/26**
[25] EN
[54] **PROCESS FOR PRODUCING FLAT HEAT EXCHANGE TUBES**
[54] **PROCEDE DE FABRICATION POUR TUBES PLATS D'ECHANGEUR DE CHALEUR**
[72] FURUTA, MASAKAZU, JP
[72] TANAKA, DAISHI, JP
[72] TAKAHASHI, KAZUYUKI, JP
[72] OSAME, YASUHIRO, JP
[73] SHOWA DENKO K.K., JP
[22] 1997-06-25
[30] JP (8-166165) 1996-06-26
[30] JP (8-166166) 1996-06-26

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[11] **2,210,848**
[13] C
[51] **Int.Cl. 6A61K 7/021 6A61K 7/42**
[25] FR
[54] **UTILISATION DE DERIVES DE LA MELATONINE POUR LA DEPIGMENTATION DE LA PEAU ET COMPOSITIONS LES COMPRENANT**
[54] **USE OF MELATONIN DERIVATIVES FOR THE DEPIGMENTATION OF SKIN, AND COMPOUNDS CONTAINING SUCH DERIVATIVES**
[72] NADAUD, JEAN-FRANCOIS, FR
[72] NGUYEN, QUANG LAN, FR
[73] L'OREAL, FR
[22] 1997-07-24
[30] FR (96 09 388) 1996-07-25

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[11] **2,210,941**
[13] C
[51] **Int.Cl. 6B27K 3/14**
[25] EN
[54] **WOOD PRESERVATIVE WRAP**
[54] **ENVELOPPE DE PRESERVATION DU BOIS**
[72] WALL, WESLEY JAMES, CA
[72] WALL, CALVIN LEE MICHAEL, CA
[73] GENICS INC., CA
[22] 1997-07-21

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[11] **2,214,942**
[13] C
[51] **Int.Cl. 6C03B 7/088**
[25] EN
[54] **METHOD AND APPARATUS FOR DELIVERING A CASED GLASS STREAM**
[54] **METHODE ET APPAREIL POUR DEVERSER UN FLUX DE VERRE DOUBLE**
[72] SCOTT, GARRETT L., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US
[22] 1997-09-08
[30] US (08/717,040) 1996-09-20

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[11] * **2,218,155**
[13] C
[51] **Int.Cl. 6G06F 17/30 6G06F 13/14**
[25] EN
[54] **TIME COHERENT CACHING SYSTEM**
[54] **SYSTEME TEMPORELLEMENT COHERENT DE GESTION EN ANTEMEMOIRE**
[72] BITTINGER, REED RICHARD, US
[72] HOUSEL, BARRON CORNELIUS, US
[72] FRAENKEL, MICHAEL LEVI, US
[72] LINDQUIST, DAVID BRUCE, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 1997-10-14
[86] 1996-07-11 (PCT/US1996/011552)
[87] (WO1997/030403)
[30] US (08/601,753) 1996-02-15

[11] **2,221,013**
[13] C
[51] **Int.Cl. 6B02C 23/20**
[25] EN
[54] **PROCESS AND SYSTEM FOR RECYCLING GLASS**
[54] **PROCEDE ET SYSTEME DE RECYCLAGE DU VERRE**
[72] BERGART, DAVID, CA
[73] BERGART, DAVID, CA
[22] 1997-11-13

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[11] **2,222,642**
[13] C
[51] **Int.Cl. 6A61K 35/74 6A61K 9/02 6C12N 11/04 6A61K 9/14 6A61K 9/48 6A61K 9/50**
[25] EN
[54] **MICRO-ENCAPSULATED LACTOBACILLI FOR MEDICAL APPLICATIONS**
[54] **LACTOBACILLES MICRO-ENCAPSULES A APPLICATIONS MEDICALES**
[72] FORD, LARRY C., US
[73] BIOFEM, INC., US
[85] 1997-11-27
[86] 1996-05-31 (PCT/US1996/008260)
[87] (WO1996/038159)
[30] US (08/459,058) 1995-06-02

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[11] **2,223,054**
[13] C
[51] **Int.Cl. 6A61F 2/06**
[25] EN
[54] **PULL BACK SLEEVE SYSTEM WITH COMPRESSION RESISTANT INNER SHAFT**
[54] **SYSTEME DE MANCHON A RECUL A TIGE INTERIEURE RESISTANT A LA COMPRESSION**
[72] PETERSON, DEAN A., US
[72] SHOEMAKER, SUSAN M., US
[72] DEL TORO, CONNIE, US
[73] SCIMED LIFE SYSTEMS, INC., US
[85] 1997-12-02
[86] 1996-04-26 (PCT/US1996/005842)
[87] (WO1996/039998)
[30] US (08/484,006) 1995-06-07

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[13] C
[51] **Int.Cl. 6F16K 1/226**
[25] EN
[54] **TORSIONALLY LOADED FLUID SEALS FOR ROTARY VALVES**
[54] **JOINTS D'ETANCHEITE MIS EN CONTRAINTE PAR TORSION, DESTINES A DES VANNES ROTATIVES**
[72] MCMAHON, TIMOTHY A., US
[72] NOLAN, BRIAN V., US
[72] KIRK, STEVEN M., US
[72] HUTCHENS, WILBUR D., US
[72] HUNSBERGER, PAUL R., JR., US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 1997-12-17
[86] 1996-05-22 (PCT/US1996/007451)
[87] (WO1997/002446)
[30] US (08/491,360) 1995-06-30

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[13] C
[51] **Int.Cl. 6B32B 13/04**
[25] EN
[54] **AN ARCHITECTURAL MATERIAL AND A PROCESS OF PRODUCTION THEREOF**
[54] **MATERIAU DE CONSTRUCTION ET PROCEDE DE FABRICATION DUDIT MATERIAU**
[72] TAKAOKA, TOSHIHIRO, JP
[72] SAKAI, YOSHIHIRO, JP
[72] FUJIMOTO, TADASHI, JP
[73] TOKUYAMA CORPORATION, JP
[85] 1998-03-09
[86] 1997-07-10 (PCT/JP1997/002384)
[87] (WO1998/001296)
[30] JP (180965/96) 1996-07-10
[30] JP (250362/96) 1996-09-20
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[11] **2,232,218**
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[51] **Int.Cl. 6G09F 25/00 6H04R 3/00 6G10K 15/04**
[25] EN
[54] **AUDIO LABEL**
[54] **ETIQUETTE AUDIO**
[72] MACKENROTH, JOSEPH R., III, US
[72] HORNSTEIN, ROBERT C., US
[73] HORNSTEIN, ROBERT C., US
[22] 1998-04-23
[30] US (08/845,675) 1997-04-25

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[13] C
[51] **Int.Cl. 6G06F 3/00**
[25] EN
[54] **DYNAMICALLY ALLOCATING SPACE IN RAM SHARED BETWEEN MULTIPLE USB ENDPOINTS AND USB HOST**
[54] **ALLOCATEUR DYNAMIQUE D'ESPACE DANS UN RAM PARTAGE ENTRE DE MULTIPLE POINTS FINAUX USB ET USB HOTE**
[72] DUNNIHOO, JEFFREY CLAY, US
[73] STANDARD MICROSYSTEMS CORPORATION, US
[22] 1998-04-30
[30] US (08/846,882) 1997-05-01

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[13] C
[51] **Int.Cl. 6E21B 44/00 6E21B 43/12**
[25] EN
[54] **METHOD OF CONTROLLING DEVELOPMENT OF AN OIL OR GAS RESERVOIR**
[54] **METHODE DE PLANIFICATION DE LA MISE EN VALEUR D'UN GISEMENT DE PETROLE OU DE GAZ**
[72] STEPHENSON, STANLEY V., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1998-05-05
[30] US (08/851,919) 1997-05-06

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[13] C
[51] **Int.Cl. 6B67D 5/04**
[25] EN
[54] **FILLING OF TANKS WITH VOLATILE LIQUIDS**
[54] **REMPLISSAGE DE RESERVOIRS AVEC DES LIQUIDES VOLATILS**
[72] CARTER, RODNEY, GB
[73] PETRO-MAN LIMITED, GB
[85] 1998-05-13
[86] 1996-11-13 (PCT/GB1996/002767)
[87] (WO1997/018155)
[30] GB (95 23215.3) 1995-11-13

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[13] C
[51] **Int.Cl. 6G06F 17/30 6G06F 15/16 6G06F 15/167**
[25] EN
[54] **PARALLEL FILE SYSTEM AND METHOD USING TOKENS AND METADATA NODES**
[54] **SYSTDME DE FICHIERS PARALLELES ET METHODE D'UTILISATION DE JETONS ET DE NOEUDS DE METADONNEES**
[72] KANDADAI, RADHA R., US
[72] ZLOTEK, ANTHONY J., US
[72] WYLLIE, JAMES C., US
[72] SHMUELI, BOAZ, IL
[72] SCHMUCK, FRANK B., US
[72] KISH, WILLIAM A., US
[72] CURRAN, ROBERT J., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1998-07-09
[30] US (08/893,627) 1997-07-11
[30] US (08/893,723) 1997-07-11
[30] US (08/893,725) 1997-07-11

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[51] **Int.Cl. 6H04L 12/54 6H04B 7/26**
[25] EN
[54] **TRUCK COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION POUR CAMIONS**
[72] DOYLE, THOMAS F., US
[72] HELMS, ROBERT V., US
[72] COPPINGER, JAMES B., US
[73] QUALCOMM INCORPORATED, US
[73] TRANSCOMMUNICATIONS, INC., US
[22] 1998-08-19
[30] US (08/914,102) 1997-08-19

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[51] **Int.Cl. 6G01V 11/00**
[25] EN
[54] **WELL LOGGING METHOD AND APPARATUS FOR NMR AND RESISTIVITY MEASUREMENTS**
[54] **PROCEDE D'ENREGISTREMENT A L'INTERIEUR D'UN SONDAGE ET APPAREIL DE MESURE DE LA RMN ET DE LA RESISTIVITE**
[72] GRIFFIN, DOUGLAS, US
[72] SEZGINER, ABDURRAHMAN, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 1998-07-31
[86] 1997-11-26 (PCT/US1997/021889)
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[30] US (08/759,829) 1996-12-04

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[51] **Int.Cl. 6F02B 33/42 6F01N 3/20 6F01N 3/28**
[25] EN
[54] **SPARK IGNITION ENGINE WITH PRESSURE-WAVE SUPERCHARGER**
[54] **MOTEUR A ALLUMAGE PAR ETINCELLE AVEC SURCOMPRESSEUR A ONDES DE PRESSION**
[72] WENGER, URS, CH
[73] SWISSAUTO ENGINEERING S.A., CH
[85] 1998-08-26
[86] 1997-03-03 (PCT/CH1997/000079)
[87] (WO1997/033080)
[30] EP (96810128.7) 1996-03-05

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[51] **Int.Cl. 6E04B 1/04 6E04B 1/14**
[25] EN
[54] **METHOD OF IMPROVING DURABILITY OF A BUILDING, BUILDING, FAR-INFRARED RADIATION THERMAL STORAGE FLOOR HEATING SYSTEM, AND METHOD OF IMPROVING SOIL OF BUILDING LOT**
[54] **METHODE POUR AMELIORER LA DURABILITE D'UN IMMEUBLE, IMMEUBLE, SYSTEME DE CHAUFFAGE PAR LE PLANCHER A RAYONNEMENT INFRAROUGE LOINTAIN ET A STOCKAGE THERMIQUE, ET METHODE POUR AMELIORER LE SOL D'UN TERRAIN**
[72] MAEDA, ISAMU, JP
[73] SCANDINAVIA HOME CO., LTD., JP
[22] 1998-09-25
[30] JP (10-88603) 1998-04-01
[30] JP (10-99676) 1998-04-10

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[51] **Int.Cl. 6G01N 33/554 6C12Q 1/02**
[25] EN
[54] **METHOD OF IDENTIFYING MHC-CLASS I RESTRICED ANTIGENS ENDOGENOUSLY PROCESSED BY A CELLULAR SECRETORY PATHWAY**
[54] **PROCEDE D'IDENTIFICATION D'ANTIGENES CMH DE CLASSE I LIMITES ET TRAITES DE MANIERE ENDOGENE PAR UNE VOIE SECRETOIRE CELLULAIRE**
[72] JEFFERIES, WILFRED A., CA
[72] KOLAITIS, GERASSIMOS, CA
[72] GABATHULER, REINHARD, CA
[72] REID, GREGOR S. D., CA
[72] ALIMONTI, JUDIE, CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 1998-09-10
[86] 1997-03-12 (PCT/CA1997/000173)
[87] (WO1997/034143)
[30] US (08/614,142) 1996-03-12

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[13] C
[51] **Int.Cl. 6C07C 255/24 6C07C 211/12 6C07C 253/30 6C07C 209/48**
[25] EN
[54] **COPRODUCTION OF 6-AMINOCAPRONITRILE AND HEXAMETHYLENEDIAMINE**
[54] **COPRODUCTION DU 6-AMINOCAPRONITRILE ET DE L'HEXAMETHYLENEDIAMINE**
[72] FISCHER, ROLF, DE
[72] HARDER, WOLFGANG, DE
[72] VOIT, GUIDO, DE
[72] FLICK, KLEMENS, DE
[72] MELDER, JOHANN-PETER, DE
[72] SCHNURR, WERNER, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[85] 1998-09-29
[86] 1997-04-04 (PCT/EP1997/001685)
[87] (WO1997/037964)
[30] DE (19614154.0) 1996-04-10

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[13] C
[51] **Int.Cl. 6G01R 29/00 6G01R 29/26**
[25] EN
[54] **DEVICE FOR DETERMINING THE QUALITY OF AN OUTPUT SIGNAL TO BE GENERATED BY A SIGNAL PROCESSING CIRCUIT, AND ALSO METHOD**
[54] **DISPOSITIF POUR DETERMINER LA QUALITE D'UN SIGNAL DE SORTIE DEVANT ETRE GENERE PAR UN CIRCUIT DE TRAITEMENT DE SIGNAUX, ET PROCEDE ASSOCIE**
[72] BEERENDS, JOHN GERARD, NL
[73] KONINKLIJKE KPN N.V., NL
[85] 1998-11-19
[86] 1997-05-16 (PCT/EP1997/002712)
[87] (WO1997/044779)
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[13] C
[51] **Int.Cl. 6B01J 2/10 6A23P 1/04**
[25] EN
[54] **METHOD FOR THE ENCAPSULATION OF LIQUIDS**
[54] **PROCEDE D'ENCAPSULATION DE LIQUIDES**
[72] REDD, RANDALL VANN, US
[72] SELL, JOSEPH L., US
[73] BCP INGREDIENTS INC., US
[85] 1998-11-25
[86] 1997-05-27 (PCT/IB1997/000940)
[87] (WO1997/045195)
[30] US (08/656,118) 1996-05-30

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[13] C
[51] **Int.Cl. 6D21H 27/40 6D21H 27/02**
[25] EN
[54] **MULTIPLE PLY TISSUE PAPER WITH CONTINUOUS NETWORK REGIONS**
[54] **PAPIER SOIE A COUCHES MULTIPLES A ZONES EN RESEAU CONTINU**
[72] BARNHOLTZ, STEVEN LEE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-11-19
[86] 1997-05-08 (PCT/US1997/007998)
[87] (WO1997/044528)
[30] US (08/652,057) 1996-05-23

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[13] C
[51] **Int.Cl. 6F42D 1/10**
[25] EN
[54] **SYSTEM FOR THE PNEUMATIC DELIVERY OF EMULSION EXPLOSIVES**
[54] **SYSTEME POUR LA LIBERATION PNEUMATIQUE D'EXPLOSIFS A EMULSION**
[72] MCDONALD, KEITH J., CA
[72] ATKINSON, KERRY S., US
[73] DYNO NOBEL INC., US
[85] 1998-12-02
[86] 1997-06-16 (PCT/US1997/010458)
[87] (WO1997/048966)
[30] US (08/665,863) 1996-06-19

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[13] C
[51] **Int.Cl. 6F21V 17/02**
[25] EN
[54] **LIGHTING FIXTURE**
[54] **LUMINAIRE**
[72] WEGRZYN, JOSEPH, US
[72] LAROSA, JOSEPH M., US
[73] G. S. BUILDING SYSTEMS CORPORATION, US
[22] 1999-02-03
[30] US (09/107,887) 1998-06-30

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[13] C
[51] **Int.Cl. 6D21H 25/00 6D21F 2/00 6D21H 17/67**
[25] EN
[54] **A PROCESS FOR MAKING SMOOTH UNCREPED TISSUE PAPER CONTAINING FINE PARTICULATE FILLERS**
[54] **PROCEDE DE PRODUCTION DE PAPIER SANITAIRE NON CREPE ET LISSE CONTENANT DES CHARGES DE FINES PARTICULES**
[72] VINSON, KENNETH DOUGLAS, US
[73] INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY, US
[85] 1999-03-24
[86] 1997-09-19 (PCT/US1997/016792)
[87] (WO1998/013549)
[30] US (08/720,110) 1996-09-27

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[13] C
[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **DISPOSABLE DIAPER**
[54] **COUCHE JETABLE**
[72] SUEKANE, MAKOTO, JP
[72] SUZUKI, NAOMI, JP
[73] UNI-CHARM CORPORATION, JP
[22] 1999-03-25
[30] JP (10-87391) 1998-03-31

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[13] C
[51] **Int.Cl. 6A24F 47/00**
[25] EN
[54] **POWER CONTROLLER AND METHOD OF OPERATING AN ELECTRICAL SMOKING SYSTEM**
[54] **DISPOSITIF DE COMMANDE ET PROCEDE DE MISE EN SERVICE D'UN BRIQUET ELECTRIQUE**
[72] NELSON, J. ROBERT JR., US
[72] WATKINS, MICHAEL L., US
[72] SHARPE, DAVID E., US
[72] LOSEE, D. BRUCE, US
[72] HIGGINS, CHARLES T., US
[72] FLEISCHHAUER, GRIER S., US
[72] SANO, MASATO, JP
[72] RIPLEY, ROBERT L., US
[73] PHILIP MORRIS PRODUCTS INC., US
[85] 1999-04-14
[86] 1997-10-21 (PCT/US1997/018494)
[87] (WO1998/017131)
[30] US (08/755,044) 1996-10-22

[11] **2,270,048**
[13] C
[51] **Int.Cl. 6H04M 15/00**
[25] EN
[54] **A METHOD AND APPARATUS FOR CHARGING FOR AN OUTGOING VOICE CALL PERFORMED DURING AN INTERNET SESSION**
[54] **PROCEDE ET SYSTEME DE FACTURATION D'UNE COMMUNICATION VOCALE DE DEPART EFFECTUEE PENDANT UNE SESSION INTERNET**
[72] FOGELHOLM, RABBE, SE
[72] SVEDBERG, JOHAN, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-04-27
[86] 1997-10-28 (PCT/SE1997/001795)
[87] (WO1998/019448)
[30] SE (9603932-6) 1996-10-28

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[13] C
[51] **Int.Cl. 6H04B 7/02**
[25] EN
[54] **APPARATUS FOR COMMUNICATING DIVERSITY SIGNALS OVER A TRANSMISSION MEDIUM**
[54] **APPAREIL POUR COMMUNIQUER DES SIGNAUX EN DIVERSITE SUR UN SUPPORT DE TRANSMISSION**
[72] LARKIN, ROBERT S., US
[72] WU, QIANG, US
[72] FARRIS, ROBERT L., US
[73] RADIO FREQUENCY SYSTEMS, INC., US
[22] 1999-05-03
[30] US (09/108,627) 1998-07-01

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[13] C
[51] **Int.Cl. 6B32B 7/12 6B32B 27/06 6C09J 123/20**
[25] EN
[54] **SHEET FOR PROTECTING PAINT FILMS OF AUTOMOBILES**
[54] **FEUILLE PROTECTRICE DE FILMS DE PEINTURE D'AUTOMOBILES**
[72] EDA, TAKESHI, JP
[72] UEDA, HIROSHI, JP
[72] INOUE, TSUYOSHI, JP
[72] MATSUI, KOMAHARU, JP
[72] SANO, KENJI, JP
[72] WAKABAYASHI, AKIRA, JP
[72] HAYASHI, KEIJI, JP
[72] SUGIMOTO, SHUUJI, JP
[72] SHIBATA, KENICHI, JP
[73] NITTO DENKO CORPORATION, JP
[73] KANSAI PAINT CO., LTD., JP
[22] 1999-05-17
[30] JP (10-155216) 1998-05-19
[30] JP (10-276526) 1998-09-10

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[13] C
[51] **Int.Cl. 6C07C 69/33 6C07C 69/28 6C07C 69/30 6C07C 67/56**
[25] EN
[54] **METHOD FOR INCREASING THE ELECTRICAL RESISTIVITY OF HINDERED POLYOL ESTER REFRIGERANT LUBRICANTS**
[54] **METHODE POUR ACCROITRE LA RESISTIVITE ELECTRIQUE DES LUBRIFIANTS DE REFRIGERANTS A BASE D'ESTERS POLYOLIQUES ENCOMBRES**
[72] SCHNUR, NICHOLAS E., US
[73] COGNIS CORPORATION, US
[22] 1995-05-01
[62] 2,191,108
[30] US (08/247,790) 1994-05-23

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[13] C
[51] **Int.Cl. 6B65D 75/36 6B65D 83/04**
[25] EN
[54] **BLISTER PACKAGE AND PACKAGED TABLET**
[54] **PLAQUETTE ALVEOLEE ET COMPRIMES EMBALLES**
[72] KOSEWICK, JOHN, US
[72] KATZNER, LEO D., US
[72] JONES, BRIAN, US
[72] KHATTAR, JACK, US
[73] CIMA LABS INC., US
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[86] 1998-04-01 (PCT/US1998/006419)
[87] (WO1998/043893)
[30] US (60/042,566) 1997-04-01

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[13] C
[51] **Int.Cl. 6B29B 15/04 6B29C 47/00 6C08J 3/16 6B29C 47/50**
[25] EN
[54] **TWO-STEP METHOD FOR DEHYDRATING PLASTIC DISPERSIONS**
[54] **PROCEDE A DEUX ETAPES POUR EXTRAIRE L'EAU CONTENUE DANS DES DISPERSIONS DE MATIERES PLASTIQUES**
[72] HOESS, WERNER, DE
[72] VETTER, HEINZ, DE
[72] SCHIKOWSKY, HARTMUT, DE
[73] ROHM GMBH & CO. KG, DE
[85] 1999-11-02
[86] 1998-04-07 (PCT/EP1998/002005)
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[30] DE (197 18 597.5) 1997-05-02

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[13] C
[51] **Int.Cl. 7B32B 15/01 7B32B 15/04**
[25] EN
[54] **MULTI-LAYER COATING**
[54] **REVETEMENT MULTICOUCHE**
[72] JONTE, PATRICK B., US
[72] GRANT, WILLIAM K., US
[73] MASCO CORPORATION OF INDIANA, US
[22] 1999-12-02
[30] US (09/205,118) 1998-12-03

[11] **2,291,979**
[13] C
[51] **Int.Cl. 7A47C 7/00 7A47C 1/031**
[25] EN
[54] **ALL-LINKAGE RECLINER WITH REINFORCED CHAIR FRAME CONSTRUCTION**
[54] **FAUTEUIL-COUCHETTE ENTIEREMENT ARTICULE AVEC CHASSIS RENFORCE**
[72] LAPOINTE, LARRY P., US
[72] MERO, MICHAEL R., JR., US
[73] LA-Z-BOY INCORPORATED, US
[22] 1999-12-07
[30] US (322,866) 1999-05-28

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[13] C
[51] **Int.Cl. 7C07C 409/26 7C07C 407/00**
[25] EN
[54] **METHOD FOR PRODUCING PERACETIC ACID**
[54] **METHODE DE PRODUCTION DE L'ACIDE PERACITIQUE**
[72] HALLBERG, RICHARD, SE
[72] PERSSON, HAKAN, SE
[72] PUDAS, ROLAND, SE
[73] AKZO NOBEL N.V., NL
[22] 1999-12-10
[30] EP (98850194.6) 1998-12-15

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[13] C
[51] **Int.Cl. 7C09D 161/14 7C09D 133/10 7C08L 33/10 7C08L 61/14 7D06M 15/41**
[25] EN
[54] **POLYAMIDE FIBER SUBSTRATE HAVING STAIN RESISTANCE, COMPOSITION AND METHOD**
[54] **SUBSTRAT EN FIBRES DE POLYAMIDE RESISTANT AUX TACHES, COMPOSITION ET METHODE**
[72] ELGARHY, YASSIN M., CA
[73] TRICHROMATIC CARPET INC., CA
[22] 1999-12-16

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[13] C
[51] **Int.Cl. 7A45D 40/12**
[25] EN
[54] **TAB-STYLE LOCKING MASS LIPSTICK CUP**
[54] **COUPELLE A ROUGE A LEVRES A MASSE DE BLOCAGE DU TYPE LANGUETTE**
[72] BOUIX, HERVE FRANCOIS, US
[73] E-L MANAGEMENT CORPORATION, US
[85] 1999-12-14
[86] 1998-06-17 (PCT/US1998/012612)
[87] (WO1998/057566)
[30] US (08/879,695) 1997-06-19

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[13] C
[51] **Int.Cl. 7B60C 15/06 7B60C 17/06 7B29D 30/20**
[25] EN
[54] **TIRE BEAD CORE AND FILLER CONSTRUCTION**
[54] **STRUCTURE DE PNEUMATIQUE A TRINGLE ET BOURRAGE SUR TRINGLE**
[72] CRADDOCK, JEFFREY SCOTT, US
[72] WILLARD, WALTER LEE JR., US
[72] ENDICOTT, JAMES MILO, US
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 1999-12-30
[86] 1998-06-01 (PCT/US1998/011074)
[87] (WO1998/056604)
[30] US (60/051,617) 1997-06-13

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[13] C
[51] **Int.Cl. 7G01N 27/447 7G01N 37/00**
[25] EN
[54] **AUTOMATED PARALLEL CAPILLARY ELECTROPHORETIC SYSTEM**
[54] **SYSTEME ELECTROPHORETIQUE CAPILLAIRE PARALLEL AUTOMATIQUE**
[72] LIU, CHANGSHENG, US
[72] SONNENCHEIN, BERNARD, US
[72] SHARER, MICHAEL V., US
[72] KERNAN, JOHN R., US
[72] KANE, THOMAS E., US
[72] LI, QINGBO, US
[73] SPECTRUMEDIX LLC, US
[85] 1999-12-23
[86] 1998-06-30 (PCT/US1998/013667)
[87] (WO1999/000664)
[30] US (60/053,836) 1997-06-30

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[13] C
[51] **Int.Cl. 7F16L 37/00 7F16L 37/30 7F16L 37/32**
[25] EN
[54] **CONNECTOR SYSTEM**
[54] **SYSTEME DE CONNECTEUR**
[72] VULLIET, FRANCOIS, FR
[73] INTERLEMO HOLDING S.A., CH
[85] 2000-01-04
[86] 1998-07-03 (PCT/EP1998/004113)
[87] (WO1999/004191)
[30] EP (97112309.6) 1997-07-17

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[13] C
[51] **Int.Cl. 7F21V 8/00**
[25] EN
[54] **DISPLAY DEVICE USING A LIGHT GUIDE FOR EXTERIOR AUTOMOTIVE LIGHTING**
[54] **DISPOSITIF D'AFFICHAGE UTILISANT UN CONDUIT DE LUMIERE POUR L'ECLAIRAGE EXTERIEUR DE VEHICULES AUTOMOBILES**
[72] LEKSON, MATTHEW ANDREW, US
[72] JIAO, JIANZHONG, US
[73] NORTH AMERICAN LIGHTING, INC., US
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[30] US (09/372,567) 1999-08-11

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[51] **Int.Cl. 7F21V 29/00**
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[54] **LAMP ASSEMBLY WITH HEAT TRANSFER SYSTEM**
[54] **ENSEMBLE DE LAMPE AVEC SYSTEME DE TRANSFERT DE CHALEUR**
[72] STRAUSS, BENJAMIN R., US
[72] KOEHLER, JOHN D., US
[73] NORTH AMERICAN LIGHTING, INC., US
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[30] US (09/396,587) 1999-09-15

[11] **2,299,172**
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[51] **Int.Cl. 7C08G 18/80 7C08G 18/40**
[25] FR
[54] **COMPOSITION UTILE POUR L'OBTENTION DE REVETEMENT MAT OU SATINE, UTILISATION DE CETTE COMPOSITION ET REVETEMENT AINSI OBTENU**
[54] **COMPOSITION USEFUL FOR OBTAINING A MATT OR DULL-GLAZED COATING, USE OF SAID COMPOSITION AND RESULTING COATING**
[72] VOGIN, BERNARD, FR
[72] WILLIAMS, FRANCIS JOHN, ES
[72] BERNARD, JEAN-MARIE, FR
[73] RHODIA CHIMIE, FR
[73] CRAY VALLEY IBERICA, ES
[85] 2000-01-28
[86] 1998-07-29 (PCT/FR1998/001681)
[87] (WO1999/006461)
[30] FR (97/09724) 1997-07-30
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[51] **Int.Cl. 7E21B 47/022**
[25] EN
[54] **METHOD FOR DRILLING UNDER RIVERS AND OTHER OBSTACLES**
[54] **METHODE DE FORAGE SOUS DES VOIES NAVIGABLES ET AUTRES OBSTACLES**
[72] DALLAS, TIM, GB
[73] GYRODATA, INC., US
[22] 2000-03-08
[30] US (09/266,566) 1999-03-11

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[51] **Int.Cl. 7F01D 19/00**
[25] EN
[54] **GAS TURBINE STARTING METHOD**
[54] **METHODE DE DEMARRAGE DE TURBINE A GAZ**
[72] ARIMURA, HISATO, JP
[72] SEKI, NAOYUKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2000-03-14
[30] JP (11-096372) 1999-04-02

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[11] **2,301,234**
[13] C
[51] **Int.Cl. 7A45D 40/04**
[25] FR
[54] **DISTRIBUTEUR COMPORTANT UN POUSSOIR RAMENE DANS UNE POSITION INITIALE PAR UN ORGANE ELASTIQUE TRAVAILLANT EN TRACTION**
[54] **DISTRIBUTOR COMPRISING A PLUNGER THAT IS RETURNED TO ITS INITIAL POSITION BY THE TENSION OF AN ELASTIC DEVICE**
[72] GUERET, JEAN-LOUIS, FR
[73] L'OREAL, FR
[22] 2000-03-15
[30] FR (99 03213) 1999-03-16

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[13] C
[51] **Int.Cl. 7B60R 7/00 7B60R 5/04 7B60R 9/06 7B60P 1/52**
[25] EN
[54] **VEHICLE BED SLIDE**
[54] **RAMPE DE CHASSIS DE VEHICULE**
[72] ROBINSON, STEVE, US
[72] CARPENTER, KEITH A., US
[73] ROBINSON, STEVE, US
[73] CARPENTER, KEITH A., US
[22] 2000-03-21
[30] US (60/125,420) 1999-03-22
[30] US (UNKNOWN) 2000-03-17

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[13] C
[51] **Int.Cl. 7A61F 2/16**
[25] FR
[54] **IMPLANT FORMANT LENTILLE INTRAOCULAIRE MONOBLOC BI-MATERIAUX**
[54] **IMPLANT FORMING BI-MATERIAL SINGLE-PIECE INTRAOCULAR LENS**
[72] DEFFIEUX, ALAIN, FR
[72] DOLATKHANI, MARC, FR
[73] IOLTECHNOLOGIE-PRODUCTION, FR
[85] 2000-02-18
[86] 1999-06-21 (PCT/FR1999/001482)
[87] (WO1999/065422)
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[25] EN
[54] **AUTO CYCLE SWIVEL MOUNTED CONTAINER HANDLING SYSTEM**
[54] **SYSTEME A CYCLE AUTOMATIQUE DE MANIPULATION DE POUBELLES AVEC MONTAGE SUR PIVOTS**
[72] BRANDT, CALVIN J., US
[73] MCNEILUS TRUCK AND MANUFACTURING, INC., US
[85] 2000-03-21
[86] 1998-05-05 (PCT/US1998/008990)
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[51] **Int.Cl. 7C05F 17/02**
[25] EN
[54] **IMPROVED AERATION SYSTEM FOR COMPOSTING ORGANIC MATTER**
[54] **SYSTEME D'AERATION AMELIORE POUR LE COMPOSTAGE DE MATIERE ORGANIQUE**
[72] THOLEN, DIETMAR A.M., CA
[73] THOLEN, DIETMAR A.M., CA
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[51] **Int.Cl. 6H01L 51/20 6H01L 51/40**
[25] EN
[54] **PROCESS FOR FABRICATING ORGANIC SEMICONDUCTOR DEVICES USING INK-JET PRINTING TECHNOLOGY AND DEVICE AND SYSTEM EMPLOYING SAME**
[54] **PROCEDE DE FABRICATION DE DISPOSITIFS A SEMI-CONDUCTEURS ORGANIQUES AU MOYEN D'UNE TECHNIQUE PAR JET D'ENCRE ET DISPOSITIF ET SYSTEME AFFERENTS**
[72] YANG, YANG, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2000-04-12
[86] 1998-10-14 (PCT/US1998/021665)
[87] (WO1999/021233)
[30] US (60/062,294) 1997-10-17
[30] US (60/072,709) 1998-01-27

[11] **2,307,715**
[13] C
[51] **Int.Cl. 7B26B 1/08**
[25] EN
[54] **UTILITY KNIFE HANDLE**
[54] **MANCHE DE COUTEAU TOUS USAGES**
[72] WHITEHALL, RICHARD ANDREW, US
[72] LAMOND, DONALD R., US
[72] SANCHEZ, ADAM, US
[73] WORLD KITCHEN (GHC), LLC, US
[22] 2000-05-05
[30] US (09/306,722) 1999-05-07

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[51] **Int.Cl. 6A61K 31/00 6A61K 7/00 6A61F 13/15 6A61L 15/34 6A61K 7/50**
[25] EN
[54] **SKIN CARE COMPOSITION**
[54] **COMPOSITION POUR LES SOINS DE PEAU**
[72] PALUMBO, GIANFRANCO, DE
[72] GUARRACINO, MARIO, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-05-25
[86] 1998-11-20 (PCT/US1998/024691)
[87] (WO1999/026610)
[30] EP (97120700.6) 1997-11-26

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[51] **Int.Cl. 7A47L 9/02**
[25] EN
[54] **SUCTION NOZZLE UNIT FOR VACUUM CLEANER**
[54] **BUSE D'ASPIRATION POUR ASPIRATEUR**
[72] LEE, BYUNG-JO, KR
[73] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2000-06-19
[30] KR (1999-46962) 1999-10-27

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[51] **Int.Cl. 7A61L 9/12**
[25] EN
[54] **BATTERY POWERED VOLATILE DISPENSER**
[54] **DISTRIBUTEUR DE MATIERES VOLATILES A BATTERIE**
[72] GATZEMEYER, JOHN J., US
[72] DAVIS, BRIAN T., US
[73] S.C. JOHNSON & SON, INC., US
[22] 2000-06-28
[30] US (09/347,590) 1999-07-01

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[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **MOBILE SWITCHING CENTER FOR PROVIDING WIRELESS ACCESS HO**
[54] **CENTRE MOBILE DE COMMUTATION ASSURANT LES TRANSFERTS D'ACCES SANS FIL**
[72] BERGREN, MARK H., US
[72] HACENA, FARID, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-12
[30] US (09/358,049) 1999-07-21

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[13] C
[51] **Int.Cl. 6A23G 3/30 6A61K 9/68**
[25] EN
[54] **METHOD OF CONTROLLING RELEASE OF ANTIMICROBIAL AGENTS IN CHEWING GUM AND GUM PRODUCED THEREBY**
[54] **PROCEDE PERMETTANT DE REGULER LA LIBERATION D'AGENTS ANTIMICROBIENS DANS UNE GOMME A MACHER ET GOMME A MACHER PRODUITE SELON CE PROCEDE**
[72] WITKEWITZ, DAVID L., US
[72] GREENBERG, MICHAEL J., US
[72] YATKA, ROBERT J., US
[72] BARABOLAK, ROMAN M., US
[72] ZIBELL, STEVEN E., US
[73] WM. WRIGLEY JR. COMPANY, US
[85] 2000-06-21
[86] 1997-12-30 (PCT/US1997/024132)
[87] (WO1999/033352)

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[13] C
[51] **Int.Cl. 7B41J 2/175**
[25] EN
[54] **INK CARTRIDGE FOR INK-JET PRINTING APPARATUS**
[54] **CARTOUCHE D'ENCRE POUR DISPOSITIF D'IMPRESSION A JET D'ENCRE**
[72] TOBA, KOICHI, JP
[72] SEINO, TAKEO, JP
[72] NAKA, TAKAHIRO, JP
[72] SHINADA, SATOSHI, JP
[72] USUI, MINORU, JP
[73] SEIKO EPSON CORPORATION, JP
[22] 2000-10-11
[30] JP (11-290189) 1999-10-12

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[11] **2,324,945**
[13] C
[51] **Int.Cl. 6B24C 5/04 6B05B 7/14**
[25] EN
[54] **LUBRICATED HIGH SPEED FLUID CUTTING JET**
[54] **JET LUBRIFIE HAUTE VITESSE DE DECOUPE PAR FLUIDE**
[72] KATZ, JOSEPH, US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2000-09-20
[86] 1998-03-21 (PCT/US1998/005705)
[87] (WO1998/042380)
[30] US (08/822,775) 1997-03-21

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[51] **Int.Cl. 6A21D 6/00 6A23P 1/00 6A23K 1/10 6A23L 1/10 6A23K 1/12 6A23P 1/12 6A23P 1/14**
[25] EN
[54] **PROCESS AND APPARATUS FOR TREATING CELLULOSIC MATERIALS**
[54] **PROCEDE ET APPAREIL POUR TRAITER DES MATERIAUX CELLULOSIQUES**
[72] WEAVER, JUSTIN, K., US
[72] DALE, BRUCE E., US
[73] MICHIGAN STATE UNIVERSITY, US
[85] 2000-10-27
[86] 1999-02-19 (PCT/US1999/003624)
[87] (WO1999/056555)
[30] US (09/070,576) 1998-04-30

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[13] C
[51] **Int.Cl. 7A61B 5/05**
[25] EN
[54] **APPARATUS FOR EVALUATION OF SKIN IMPEDANCE VARIATIONS**
[54] **APPAREIL ET PROCEDE POUR EVALUER LES VARIATIONS D'IMPEDANCE DE LA PEAU**
[72] SZOPINKSI, JAN ZBIGNIEW, ZA
[73] SZOPINKSI, JAN ZBIGNIEW, ZA
[73] PASTOR, ALEKSANDER, PL
[85] 2001-01-05
[86] 1999-07-06 (PCT/ZA1999/000048)
[87] (WO2000/001301)
[30] ZA (98/5900) 1998-07-06

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[51] **Int.Cl. 6F02D 41/02 6F02P 13/00 6F02D 41/04 6F02M 25/07 6F01N 3/08 6F02B 23/10 6F01N 3/24 6F01N 3/28**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE**
[72] SASAKI, SHIZUO, JP
[72] ITO, TAKEKAZU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2001-01-08
[86] 1999-07-09 (PCT/JP1999/003737)
[87] (WO2000/003134)
[30] JP (10/195879) 1998-07-10

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[13] C
[51] **Int.Cl. 6A61K 47/26**
[25] EN
[54] **EXCIPIENT**
[54] **EXCIPIENT**
[72] GOMI, SHUN'ICHI, JP
[72] KAMADA, ETSUO, JP
[72] OOBAE, KAZUHIRO, JP
[73] ASAHI KASEI KABUSHIKI KAISHA, JP
[85] 2001-01-10
[86] 1999-07-13 (PCT/JP1999/003775)
[87] (WO2000/003735)
[30] JP (10/200295) 1998-07-15
[30] JP (10/323560) 1998-11-13

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[13] C
[51] **Int.Cl. 6B32B 15/08 6C09J 7/00 6B32B 31/12**
[25] EN
[54] **RESIN/COPPER/METAL LAMINATE AND METHOD OF PRODUCING SAME**
[54] **MATERIAU LAMELLE EN RESINE/CUIVRE/METAL ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] CHIANG, SHIUH-KAO, US
[72] STEINER, R. RICHARD, US
[73] NIKKO MATERIALS USA, INC., US
[85] 2001-01-23
[86] 1999-07-08 (PCT/US1999/015394)
[87] (WO2000/009327)
[30] US (09/132,638) 1998-08-11

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[51] **Int.Cl. 7E04H 15/50**
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[54] **ERECTABLE SHELTER WITH GABLE ROOF**
[54] **ABRI A MONTER, DOTE D'UN TOIT A PIGNON**
[72] CARTER, MARK C., US
[73] CARTER, MARK C., US
[85] 2001-02-06
[86] 1999-07-09 (PCT/US1999/015497)
[87] (WO2000/008277)
[30] US (09/131,148) 1998-08-07

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[13] C
[51] **Int.Cl. 7H01M 4/24**
[25] FR
[54] **STRUCTURE COMPRENANT UN PRIMAIRE FLUORE ET ELECTRODE A BASE DE CETTE STRUCTURE**
[54] **STRUCTURE COMPRISING A FLUORINATED PRIMER, AND ELECTRODE USING SUCH STRUCTURE**
[72] BARRIERE, BENOIT, FR
[72] BURCHILL, MICHAEL, US
[72] MIYAKI, YOSHIYUKI, JP
[73] ATOFINA, FR
[22] 2001-03-30
[30] FR (0004201) 2000-03-31

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[13] C
[51] **Int.Cl. 7G06K 15/02 7G06F 3/12**
[25] EN
[54] **PERFORMANCE OPTIMIZATION OF MONOCHROME PAGES IN A COLOR PRINTING SYSTEM**
[54] **OPTIMISATION DE LA PERFORMANCE DE PAGES MONOCHROMES DANS UN SYSTEME D'IMPRESSION EN COULEUR**
[72] RUMPH, DAVID E., US
[72] WELLS, TERRY C., US
[72] EVANS, SUSAN, US
[73] XEROX CORPORATION, US
[22] 2001-05-07
[30] US (09/569,638) 2000-05-12

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[13] C
[51] **Int.Cl. 7E06B 9/30**
[25] EN
[54] **VENITIAN BLIND HAVING SEGMENTED TILT ADJUSTMENT**
[54] **STORE VENITIEN AVEC REGLAGE PAR DECENTREMENT SEGMENTE**
[72] LABBE, ROGER, CA
[73] LABBE, ROGER, CA
[22] 2001-06-12

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[13] C
[51] **Int.Cl. 7H04L 12/28**
[25] EN
[54] **EXTENSION OF LINK AGGREGATION PROTOLS OVER THE NETWORK**
[54] **EXTENSION SUR RESEAU POUR PROTOCOLE DE REGROUPEMENT DE LIAISON**
[72] CARPINI, WALTER JOSEPH, CA
[72] MARK, BARRY, CA
[73] TROPIC NETWORKS INC., CA
[22] 2001-06-15

[11] **2,351,278**
[13] C
[51] **Int.Cl. 7A47L 13/10 7A47L 13/14 7A47L 13/24**
[25] EN
[54] **A MOP WRINGER IN COMBINATION WITH A MOPHEAD**
[54] **ESSOREUSE A VADROUILLE COMBINEE A UNE TETE DE VADROUILLE**
[72] YOUNG, SCOT, CA
[73] SCOT YOUNG RESEARCH LIMITED, GB
[22] 2001-06-26
[30] GB (0104597.0) 2001-02-24

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[51] **Int.Cl. 7E05D 15/22**
[25] EN
[54] **BRAKE SHOE FOR SASH WINDOW OR DOOR ASSEMBLY**
[54] **PATIN DE FREIN POUR FENETRE A GUILLOTINE OU PORTE**
[72] ANNES, JASON L., US
[72] O'DONNELL, RICHARD H., CA
[73] ASHLAND PRODUCTS, INC., US
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[30] US (09/780,917) 2001-02-09

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[51] **Int.Cl. 7B01J 20/04 7B01D 53/28**
[25] EN
[54] **DESICCANT TABLETS FOR GAS DRYING**
[54] **TABLETTES DESSICCATIVES POUR LA DESSICCATION DE GAZ**
[72] SMITH, KEVIN W., US
[73] CLEARWATER INTERNATIONAL, LLC, US
[22] 2001-07-10
[30] US (60/217,805) 2000-07-12
[30] US (09/803,072) 2001-03-09

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[13] C
[51] **Int.Cl. 7H01R 13/639 7H01R 13/64**
[25] EN
[54] **CONNECTOR FITTING STRUCTURE**
[54] **STRUCTURE DE RACCORDEMENT DE CONNECTEUR**
[72] KASHIYAMA, MOTOHISA, JP
[72] YAMAWAKI, TAKANORI, JP
[73] YAZAKI CORPORATION, JP
[22] 2001-07-23
[30] JP (2000-222522) 2000-07-24
[30] JP (2000-222596) 2000-07-24

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[51] **Int.Cl. 7H04N 7/173 7G06T 13/00**
[25] EN
[54] **SCHEME FOR INTERACTIVE VIDEO MANIPULATION AND DISPLAY OF MOVING OBJECT ON BACKGROUND IMAGE**
[54] **SYSTEME DE MANIPULATION VIDEO INTERACTIVE ET D'AFFICHAGE D'UN OBJET MOBILE SUR UNE IMAGE D'ARRIERE-PLAN**
[72] TONOMURA, YOSHINOBU, JP
[72] AKUTSU, AKIHOTO, JP
[72] SATOU, TAKASHI, JP
[72] TANIGUCHI, YUKINOBU, JP
[72] MINAMI, KENICHI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[22] 1998-06-19
[62] 2,241,074
[30] JP (P9-163632) 1997-06-20
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[51] **Int.Cl. 7F24D 19/08**
[25] EN
[54] **TAPERED AIR PURGING CIRCULATOR**
[54] **CIRCULATEUR CONIQUE POUR AIR DE PURGE**
[72] RUHNKE, JOHN, US
[73] RUHNKE, JOHN, US
[22] 2001-09-14
[30] US (09/845,644) 2001-04-30

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[13] C
[51] **Int.Cl. 7A63B 53/04**
[25] EN
[54] **GOLF CLUB**
[54] **BATON DE GOLF**
[72] KOVARIK, TIBOR F., CA
[73] KOVARIK, TIBOR F., CA
[22] 2001-08-27
[30] US (09/664,370) 2000-09-18

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[13] C
[51] **Int.Cl. 7F41B 5/20**
[25] EN
[54] **BOW HANDLE DAMPER**
[54] **AMORTISSEUR DE POIGNEE D'ARC**
[72] SIMONDS, GARY L., US
[73] MCPHERSON, MATHEW A., US
[85] 2001-07-10
[86] 2000-11-17 (PCT/US2000/031525)
[87] (WO2001/036895)
[30] US (09/441,827) 1999-11-17

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[13] C
[51] **Int.Cl. 7H04N 7/173**
[25] EN
[54] **PROVIDING SIMULATED BROADCAST SERVICES OVER A LIMITED BANDWIDTH CHANNEL**
[54] **SERVICES D'EMISSION SIMULEE SUR CANAL A LARGEUR DE BANDE LIMITEE**
[72] KIM, BYOUNG-JO J., US
[72] BASSO, ANDREA, US
[72] JACKEL, LAWRENCE DAVID, US
[72] WOODWARD, SHERYL LEIGH, US
[73] AT&T CORP., US
[22] 2001-10-24
[30] US (09/723,532) 2000-11-28

[11] **2,363,734**
[13] C
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **METHOD AND SYSTEM FOR PRIVATE INFORMATION RETRIEVAL USING COMMODITIES**
[54] **PROCEDE ET SYSTEME D'EXTRACTION DE D'INFORMATIONS PRIVEES PAR UTILISATION DE MESSAGES**
[72] DI-CRESCENZO, GIOVANNI, US
[72] OSTROVSKY, RAFAIL, US
[72] ISHAI, YUVAL, IL
[73] TELCORDIA TECHNOLOGIES, INC., US
[85] 2001-08-23
[86] 2000-03-01 (PCT/US2000/005359)
[87] (WO2000/052602)
[30] US (09/260,110) 1999-03-02

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[13] C
[51] **Int.Cl. 7G01N 17/00 7E21B 47/00 7E21B 41/02**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING CORROSION IN OILFIELD WELLS AND PIPELINES UTILIZING TIME-DOMAIN-REFLECTOMETRY**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE LA CORROSION DANS LES PUITS DE PETROLE ET LES OLEODUCS PAR REFLECTOMETRIE DANS LE DOMAINE TEMPS**
[72] KOHL, KRISTOPHER T., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2001-08-16
[86] 2000-03-08 (PCT/US2000/005899)
[87] (WO2000/054028)
[30] US (09/264,484) 1999-03-08

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[13] C
[51] **Int.Cl. 7B02C 15/00**
[25] EN
[54] **AN ARRANGEMENT FOR SECURING A VANE WHEEL ASSEMBLY TO A GRINDING TABLE OF A PULVERIZER BOWL MILL**
[54] **DISPOSITIF POUR FIXER UN ENSEMBLE ROUE A AUBES AU PLATEAU DE BROYAGE D'UN BROYEUR A CUVE TOURNANTE A PULVERISATION**
[72] PRAIRIE, ROBERT S., US
[72] EASTMAN, RORY G., US
[72] FARRIS, LAWRENCE S., US
[73] ALSTOM POWER INC., US
[85] 2001-08-28
[86] 2000-02-25 (PCT/US2000/005017)
[87] (WO2000/051740)
[30] US (09/260,584) 1999-03-01

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[13] C
[51] **Int.Cl. 7F21V 33/00 7C11D 17/00**
[25] EN
[54] **ILLUMINATED SOAP BAR WITH SOUND**
[54] **PAIN DE SAVON LUMINEUX SONORE**
[72] TSANG, HENRY, CA
[73] TSANG, HENRY, CA
[73] VERRELLI, LAURIE, CA
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[51] **Int.Cl. 7D21C 7/12 7D21C 7/00**
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[54] **LOW TEMPERATURE GAS PHASE CONTINUOUS DIGESTER**
[54] **LESSIVEUR EN CONTINU A PHASE GAZEUSE A BASSE TEMPERATURE**
[72] HENRICSON, KAJ O., FI
[72] STROMBERG, C. BERTIL, US
[72] LAAKSO, RICHARD O., US
[73] ANDRITZ INC., US
[22] 1998-02-09
[62] 2,228,984
[30] US (08/797,327) 1997-02-10
[30] US (09/014,243) 1998-01-27

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[51] **Int.Cl. 7H02J 7/00**
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[54] **MODULAR SOLAR BATTERY CHARGER**
[54] **CHARGEUR DE BATTERIE SOLAIRE MODULAIRE**
[72] PERESS, SASS M., CA
[72] LAU, PO K., CA
[73] ICP GLOBAL TECHNOLOGIES INC., CA
[22] 2002-10-23
[30] US (09/897,936) 2001-11-16

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[51] **Int.Cl. 7B27G 13/12 7B27L 11/02**
[25] EN
[54] **ADJUSTABLE PROFILING HEAD FOR A WOOD CUTTING APPARATUS**
[54] **TETE A PROFILER REGLABLE D'APPAREIL POUR COUPER LE BOIS**
[72] LUECKE, JOHN S., US
[72] STAGER, BRADLEY R., US
[73] KEY KNIFE, INC., US
[22] 2003-01-15
[30] US (10/081444) 2002-02-20

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[13] C
[51] **Int.Cl. 7A47G 27/04**
[25] EN
[54] **CARPET TACK STRIP THRESHOLD**
[54] **SEUIL POUR BAGUETTE A GRIFFES D'ANCRAGE DE TAPIS**
[72] JOHNSON, TIMOTHY S., CA
[73] DURAMAX, INC., US
[85] 2003-02-12
[86] 2001-10-25 (PCT/US2001/051300)
[87] (WO2002/038854)
[30] US (60/243,074) 2000-10-25

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[51] **Int.Cl. 7F04B 39/00**
[25] EN
[54] **AIR COMPRESSOR ASSEMBLY WITH VIBRATION DAMPING STRUCTURE**
[54] **COMPRESSEUR D'AIR AVEC MONTURE ANTIVIBRATIONS**
[72] ORSCHELL, MICHAEL, US
[73] CAMPBELL HAUSFELD/SCOTT FETZER COMPANY, US
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[62] 2,350,116
[30] US (09/619,447) 2000-07-19
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[51] **Int.Cl. 7B65G 47/10 7B65G 47/34**
[25] EN
[54] **SIDE CONVEYOR DISC INCLUDING QUICK-CHANGE FEATURES**
[54] **DISQUE POUR BANDE TRANSPORTEUSE A DECHARGE LATERALE COMPORTANT DES CARACTERISTIQUES DE CHANGEMENT RAPIDE**
[72] BONNET, HENRI, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[22] 1998-04-29
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[51] **Int.Cl. 7A63B 47/02**
[25] EN
[54] **SUPER SUCKER**
[54] **RECUPERATEUR DE BALLES DE GOLF « SUPER SUCKER »**
[72] TUTT, HARVEY DONALD, CA
[71] TUTT, HARVEY DONALD, CA
[22] 2003-02-19
[41] 2004-08-19

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[13] A1
[51] **Int.Cl. 7A01B 59/041 7A01B 69/00 7A01D 34/00 7A01B 63/14**
[25] EN
[54] **OFFSET HITCH FOR MOWING MACHINES**
[54] **ATTELAGE DECALE POUR FAUCHEUSES**
[72] HUNDEBY, DAVID R., CA
[71] HUNDEBY, DAVID R., CA
[22] 2003-02-20
[41] 2004-08-20

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[21] **2,418,468**
[13] A1
[51] **Int.Cl. 7A47F 7/28**
[25] EN
[54] **POT LID HOLDER**
[54] **PORTE-COUVERCLES**
[72] BRIGHT, MARTIN, CA
[71] BRIGHT, MARTIN, CA
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[13] A1
[51] **Int.Cl. 7C22C 23/04 7C22C 23/02 7B22D 21/02**
[25] EN
[54] **STRONTIUM FOR MELT OXIDATION REDUCTION OF MAGNESIUM AND A METHOD FOR ADDING STRONTIUM TO MAGNESIUM**
[54] **UTILISATION DE STRONTIUM POUR DIMINUER L'OXYDATION DE MAGNESIUM FONDU ET METHODE D'AJOUT DE STRONTIUM AU MAGNESIUM**
[72] VERMETTE, PIERRE, CA
[72] PEKGULERYUZ, MIHRIBAN O., CA
[71] NORANDA INC., CA
[22] 2003-02-17
[41] 2004-08-17

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[13] A1
[51] **Int.Cl. 7B60S 1/38**
[25] EN
[54] **DEVICE FOR HEATING A WIPER BLADE**
[54] **RECHAUFFEUR DE BALAI D'ESSUIE-GLACE**
[72] JOHNSON, GEORGE, US
[71] JOHNSON, GEORGE, US
[22] 2003-02-18
[41] 2004-08-18

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[21] **2,419,173**
[13] A1
[51] **Int.Cl. 7B65G 53/34**
[25] EN
[54] **ACTUATING ASSEMBLY FOR AN ADJUSTABLE WIDTH GUIDEWAY IN AN AIR CONVEYOR SYSTEM**
[54] **ACTIONNEUR DE VOIE DE GUIDAGE REGLABLE EN LARGEUR POUR TRANSPORTEUR PNEUMATIQUE**
[72] RANGER, MICHEL, CA
[71] SIDEL (CANADA) INC., CA
[22] 2003-02-18
[41] 2004-08-18

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[13] A1
[51] **Int.Cl. 7G06T 3/60**
[25] EN
[54] **IMAGE SELF LEVELLING SYSTEM**
[54] **SYSTEME DE REGLAGE AUTOMATIQUE DU NIVEAU D'IMAGE**
[72] LEGENDRE, LUDOVIC, CA
[72] OUELLET, MATTHIEU, CA
[72] VIAU, MAXIME, CA
[72] DELORME, JEAN-FRANCOIS, CA
[72] POINCELET, FREDERIC, CA
[72] DEMERS, DANIEL, CA
[72] HILARIO, DAVID, CA
[71] COLMATEC INC., CA
[22] 2003-02-19
[41] 2004-08-19

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[13] A1
[51] **Int.Cl. 7E05D 13/00**
[25] EN
[54] **CABLE FAILURE DEVICE FOR GARAGE DOORS AND THE LIKE**
[54] **DISPOSITIF DE SECURITE EN CAS DE RUPTURE DE CABLE DE PORTE DE GARAGE ET D'ELEMENT SEMBLABLE**
[72] BEAUDOIN, MICHEL, CA
[72] NADEAU, ERIK, CA
[72] FOUCAULT, PIERRE-LOUIS, CA
[72] LEVESQUE, JEAN-FRANCOIS, CA
[71] CANIMEX INC., CA
[22] 2003-02-19
[41] 2004-08-19

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[13] A1
[51] **Int.Cl. 7E04F 13/00 7E04F 21/165**
[25] EN
[54] **TRIMMING ACCESSORIES, SYSTEM INCLUDING THE SAME AND METHOD OF TRIMMING SURFACES**
[54] **ACCESSOIRES DE DRESSAGE, SYSTEME COMPRENANT CES ACCESSOIRES, ET METHODE DE DRESSAGE DE SURFACES**
[72] FORTIER, RENE, CA
[71] SYSTEMES UNIFIX (9072-9823 QUEBEC INC.), CA
[22] 2003-02-19
[41] 2004-08-19

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[13] A1
[51] **Int.Cl. 7F16J 15/00**
[25] EN
[54] **MECHANICAL SEAL SUPPORT SYSTEM**
[54] **SUPPORT DE JOINT MECANIQUE**
[72] BLUMENTRATH, MANFRED, CA
[71] CPC PUMPS INTERNATIONAL INC., CA
[22] 2003-02-19
[41] 2004-08-19

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[13] A1
[51] **Int.Cl. 7B24B 3/33**
[25] EN
[54] **GRINDING APPARATUS FOR BUTTONS ON ROCK DRILL BIT**
[54] **APPAREIL DE MEULAGE DES PASTILLES D'OUTIL DE FORAGE**
[72] SJOLANDER, BJORN, CA
[72] SJOLANDER, BO THOMAS, CA
[72] SJOLANDER, ROBERT, CA
[71] C.M.E. BLASTING & MINING EQUIPMENT LTD., CA
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[41] 2004-08-19

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[13] A1
[51] **Int.Cl. 7B29C 65/56 7B29C 65/02**
[25] EN
[54] **METHOD AND APPARATUS FOR JOINING PLASTIC PIPE**
[54] **METHODE ET APPAREIL DE RACCORDEMENT DE TUYAUX EN PLASTIQUE**
[72] NYQUIST, JAN, CA
[71] NYQUIST, JAN, CA
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[41] 2004-08-19

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[13] A1
[51] **Int.Cl. 7B25B 5/00**
[25] EN
[54] **POLAR BEAR CLAMP**
[54] **PINCES POLAR BEAR**
[72] BOTTING, PAUL J., CA
[72] JENNINGS, KEITH, CA
[71] BOTTING, PAUL J., CA
[71] JENNINGS, KEITH, CA
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[13] A1
[51] **Int.Cl. 7F03D 3/00**
[25] FR
[54] **EOLIENNES A AXE VERTICAL**
[54] **VERTICAL-AXIS WIND TURBINE**
[72] VACHON, DANIEL J., CA
[71] 4127030 CANADA INC., CA
[22] 2003-02-19
[41] 2004-08-19

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[21] **2,419,228**
[13] A1
[51] **Int.Cl. 7A61B 18/18**
[25] EN
[54] **RADIOFREQUENCY THERMAL BALLOON CATHETER**
[54] **SONDE A BALLONNET THERMIQUE A RADIOFREQUENCE**
[72] SATAKE, SHUTARO, JP
[71] SATAKE, SHUTARO, JP
[22] 2003-02-20
[41] 2004-08-20

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[21] **2,419,237**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **DELEGATION OBJECT AS A FIRST CLASS BUSINESS MODELLING OBJECT, AND METHOD AND SYSTEM FOR PROVIDING THE SAME**
[54] **OBJET DE DELEGATION COMME OBJET DE MODELISATION D'ENTREPRISE DE PREMIER ORDRE, ET METHODE ET SYSTEME PERMETTANT DE FOURNIR CET OBJET**
[72] DESBIENS, MARC A., CA
[71] COGNOS INCORPORATED, CA
[22] 2003-02-19
[41] 2004-08-19

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[21] **2,419,239**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **ORGANIZATION OBJECT AS A FIRST CLASS BUSINESS MODELLING OBJECT, AND METHOD AND SYSTEM FOR PROVIDING THE SAME**
[54] **OBJET D'ORGANISATION COMME OBJET DE MODELISATION D'ENTREPRISE DE PREMIER ORDRE, ET METHODE ET SYSTEME PERMETTANT DE FOURNIR CET OBJET**
[72] DESBIENS, MARC A., CA
[71] COGNOS INCORPORATED, CA
[22] 2003-02-19
[41] 2004-08-19

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[21] **2,419,265**
[13] A1
[51] **Int.Cl. 7B29C 41/06 7B29C 41/34 7B29C 41/46**
[25] EN
[54] **MOLDING INTERIOR UNDERCUT SHAPES IN NON-HOLLOW PLASTIC PARTS**
[54] **MOULAGE DE FORMES DE CONTRE-DEPOUILLE INTERNES DANS LES PIECES EN PLASTIQUE NON CREUSES**
[72] WILGER, WILFRED H., CA
[72] ROGERS, R. BARRY, CA
[72] WILGER, JASON H., CA
[71] ROGERS, R. BARRY, CA
[22] 2003-02-20
[41] 2004-08-20

[21] **2,419,300**
[13] A1
[51] **Int.Cl. 7H05K 1/00 7H01R 12/14**
[25] EN
[54] **ELECTRICAL CIRCUIT BREADBOARD**
[54] **MAQUETTE DE CIRCUIT ELECTRIQUE**
[72] PRICE, ERIC CHARLES, CA
[71] PRICE, ERIC CHARLES, CA
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[41] 2004-08-20

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[21] **2,419,303**
[13] A1
[51] **Int.Cl. 7E04H 17/26**
[25] EN
[54] **APPARATUS FOR REMOVING A FENCE POST**
[54] **APPAREIL POUR ENLEVER LES POTEAUX DE CLOTURE**
[72] KOCH, KENT, CA
[71] KOCH, KENT, CA
[22] 2003-02-20
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[13] A1
[51] **Int.Cl. 7G02B 27/28 7G02B 27/10 7G02B 5/30**
[25] EN
[54] **OPTICAL REPOLARIZING DEVICES**
[54] **DISPOSITIFS DE REPOLARISATION OPTIQUE**
[72] LAUZON, JOCELYN, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2003-02-20
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[13] A1
[51] **Int.Cl. 7G06F 17/40 7H04L 12/26**
[25] EN
[54] **UNIFIED LOGGING SERVICE FOR DISTRIBUTED APPLICATIONS**
[54] **SERVICE UNIFIE D'ENREGISTREMENT POUR APPLICATIONS REPARTIES**
[72] ROSEN, ARNOLD, CA
[72] TSUI, ALEX K., CA
[72] POLAN, MICHAEL G., CA
[72] CHEN, PAUL (MING), CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-02-20
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[13] A1
[51] **Int.Cl. 7G06F 9/44 7G06F 7/00**
[25] EN
[54] **MAPPING BETWEEN NATIVE DATA TYPE INSTANCES**
[54] **ETABLISSEMENT DE CORRESPONDANCES ENTRE INSTANCES DE TYPES DE DONNEES NATIFS**
[72] SEELEMANN, ILENE R., CA
[72] GARTNER, HAROLD JEFFREY, CA
[72] BEISIEGEL, MICHAEL, US
[72] SETO, NORMAN K., CA
[72] PRZYBYLSKI, PIOTR, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
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[13] A1
[51] **Int.Cl. 7G02B 27/28 7H04B 10/00**
[25] EN
[54] **BROADBAND POLARIZATION TRANSFORMATION DEVICES**
[54] **DISPOSITIFS DE TRANSFORMATION DE POLARISATION A LARGE BANDE**
[72] TORK, AMIR, CA
[72] ZOHRABYAN, ARMEN, CA
[72] DUMONT, DANY, CA
[72] GALSTIAN, TIGRAN, CA
[72] BIRABASSOV, ROUSLAN, CA
[71] PHOTINTECH INC., CA
[22] 2003-02-20
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[13] A1
[51] **Int.Cl. 7E04B 1/74 7F16B 1/00 7F16L 59/00 7E04D 13/16**
[25] EN
[54] **PROCESS AND APPARATUS FOR INSULATING BUILDING ROOF**
[54] **PROCESSUS ET APPAREIL POUR ISOLER LE TOIT D'UN BATIMENT**
[72] CORWIN, THOMAS N., US
[71] CORWIN, THOMAS N., US
[22] 2003-02-17
[41] 2004-08-17

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[13] A1
[51] **Int.Cl. 7B01D 25/12 7B30B 9/02 7B01D 25/28**
[25] EN
[54] **FILTRATION APPARATUS OPERATING FEATURES**
[54] **DISPOSITIFS DE FONCTIONNEMENT D'APPAREIL DE FILTRATION**
[72] BENESI, STEVE C., US
[71] BENESI, STEVE C., US
[22] 2003-02-17
[41] 2004-08-17

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[13] A1
[51] **Int.Cl. 7H01R 12/02 7H01R 12/14**
[25] EN
[54] **SMT-COMPATIBLE THROUGH-HOLE ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE COMPATIBLE SMT A MONTAGE PAR INSERTION**
[72] XU, PEI REN, CA
[71] WECO ELECTRICAL CONNECTORS INC., CA
[22] 2003-02-20
[41] 2004-08-20

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[13] A1
[51] **Int.Cl. 7G06F 15/16 7G06F 15/177 7G06F 13/42**
[25] EN
[54] **SOFTWARE BARRIER SYNCHRONIZATION**
[54] **SYNCHRONISATION DE BARRIERE PAR LOGICIEL**
[72] BLAINEY, ROBERT J., CA
[72] ZHANG, GUANSONG, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 2003-02-20
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[13] A1
[51] **Int.Cl. 7C08J 5/24 7C08J 5/08 7C03C 25/26**
[25] EN
[54] **FIBRE-REINFORCED THERMOPLASTICS**
[54] **THERMOPLASTIQUES RENFORCES DE FIBRES**
[72] LINDSTROM, DOUGLAS W., CA
[71] ALBERTA RESEARCH COUNCIL, INC., CA
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[41] 2004-08-20

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[13] A1
[51] **Int.Cl. 7G09F 1/10**
[25] EN
[54] **A MODULAR DISPLAY HOLDER FOR A CARD**
[54] **PORTE-CARTE MODULAIRE PRESENTOIR**
[72] LAMBERT, GEOFFREY, CA
[71] LAMBERT, GEOFFREY, CA
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[41] 2004-08-20

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[21] **2,419,393**
[13] A1
[51] **Int.Cl. 7F21L 4/00**
[25] EN
[54] **LIGHT EMITTING DIODE 9-VOLT BATTERY SNAP FLASHLIGHT**
[54] **LAMPE DE POCHE A DIODE ELECTROLUMINESCENTE MONTEE PAR PRESSION SUR PILE DE 9 VOLTS**
[72] HENRY, BENJAMIN VICTOR DUANE, US
[71] HENRY, BENJAMIN VICTOR DUANE, US
[22] 2003-02-20
[41] 2004-08-20

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[21] **2,419,410**
[13] A1
[51] **Int.Cl. 7A45F 3/14 7A45C 13/00**
[25] EN
[54] **HANDS FREE SHOPPING BAG CARRIER**
[54] **PORTE-SAC A PROVISIONS MAINS LIBRES**
[72] CYR, STEWART, CA
[71] CYR, STEWART, CA
[22] 2003-02-19
[41] 2004-08-19

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[21] **2,419,413**
[13] A1
[51] **Int.Cl. 7B02C 23/18 7A23K 1/02**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPROVING PALATABILITY AND DIGESTABILITY OF BALLED FEED**
[54] **METHODE ET APPAREIL POUR AMELIORER LA PALATABILITE ET LA DIGESTIBILITE DU FOURRAGE EN BALLES**
[72] MICHAUD, GERALD, CA
[72] HERSBERGER, AL, CA
[71] MICHAUD, GERALD, CA
[71] HERSBERGER, AL, CA
[22] 2003-02-19
[41] 2004-08-19

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[13] A1
[51] **Int.Cl. 7B65D 90/24 7E04H 7/18 7B65D 88/76**
[25] EN
[54] **UNDERGROUND STORAGE VAULT**
[54] **CHAMBRE D'ENTREPOSAGE SOUTERRAINE**
[72] STANTON, KELLY, US
[71] GUARDIAN CONTAINMENT CORP., US
[22] 2003-02-19
[41] 2004-08-19

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[21] **2,419,442**
[13] A1
[51] **Int.Cl. 7F16B 35/00**
[25] EN
[54] **B BOLT**
[54] **COURROIE A DOUBLE ETRIER SERIE B**
[72] EAST, JEFFREY F., CA
[71] EAST, JEFFREY F., CA
[22] 2003-02-18
[41] 2004-08-18

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[21] **2,419,451**
[13] A1
[51] **Int.Cl. 7B07B 9/00 7B03B 5/00 7B07B 4/00 7B07B 11/02 7B07B 11/08 7B07B 7/086**
[25] FR
[54] **TECHNO-GRAV SEPARATEUR**
[54] **TECHNO-GRAV SEPARATOR**
[72] COUTURE, MICHEL, CA
[71] COUTURE, MICHEL, CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,455**
[13] A1
[51] **Int.Cl. 7C07H 13/06 7C07H 3/04 7C07H 3/06**
[25] EN
[54] **METHODS OF PREPARING DISACCHARIDE AND TRISACCHARIDE C6-C12 FATTY ACID ESTERS WITH HIGH ALPHA CONTENT AND MATERIALS THEREFROM**
[54] **METHODES DE PREPARATION DE DISACCHARIDES ET DE TRISACCHARIDES D'ESTERS D'ACIDE GRAS EN C6-C12 A FORTE TENEUR EN COMPOSES ALPHA ET SUBSTANCES CONNEXES**
[72] MALCOLM, MICHAEL O., US
[72] WOOD, MATTHEW D., US
[72] BUCHANAN, CHARLES M., US
[72] MOORE, MARY K., US
[72] DEBENHAM, JOHN S., US
[71] EASTMAN CHEMICAL COMPANY, US
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,464**
[13] A1
[51] **Int.Cl. 7E05B 19/24**
[25] EN
[54] **KEY SPOTTER**
[54] **MARQUEUR DE CLE**
[72] DAVID, GWEN, CA
[71] DAVID, GWEN, CA
[22] 2003-02-17
[41] 2004-08-17

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[21] **2,419,466**
[13] A1
[51] **Int.Cl. 7E05F 11/04**
[25] EN
[54] **KSP WIRE GATE CLOSURE**
[54] **FERMETURE DE BARRIERE EN BARBELE**
[72] PAVLOFF, KENNETH ROBERT, CA
[71] PAVLOFF, KENNETH ROBERT, CA
[22] 2003-02-17
[41] 2004-08-17

[21] **2,419,484**
[13] A1
[51] **Int.Cl. 7F21S 8/00 7G09F 13/00 7F21V 21/00 7H01R 33/08**
[25] EN
[54] **IMPROVED HIGH LIGHT DENSITY FLUORESCENT LUMINAIRE**
[54] **LUMINAIRE AMELIORE D'ECLAIRAGE FLUORESCENT A HAUTE DENSITE**
[72] ALIBORTI, JOSEPH, CA
[72] DUPUIS, NORMAND, CA
[71] PEERLESS ELECTRIC COMPANY LTD., CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,488**
[13] A1
[51] **Int.Cl. 7H02J 7/00 7H02J 7/06**
[25] EN
[54] **CIRCUIT AND METHOD OF OPERATION FOR AN ELECTRICAL POWER SUPPLY**
[54] **CIRCUIT ET METHODE D'UTILISATION D'UNE ALIMENTATION ELECTRIQUE**
[72] VESELIC, DUSAN, CA
[72] GUTHRIE, MARTIN G. A., CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,497**
[13] A1
[51] **Int.Cl. 7H02J 7/00 7H02J 7/06**
[25] EN
[54] **CIRCUIT AND METHOD OF OPERATION FOR AN ADAPTIVE CHARGE RATE POWER SUPPLY**
[54] **CIRCUIT ET METHODE D'UTILISATION D'UNE ALIMENTATION A VITESSE DE CHARGE ADAPTABLE**
[72] MALTON, JONATHAN T., CA
[72] IDZIK, JACEK S., CA
[72] HABICHER, MICHAEL F., CA
[72] VESELIC, DUSAN, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,500**
[13] A1
[51] **Int.Cl. 7G01B 7/14 7G01B 7/02 7G01N 27/72**
[25] EN
[54] **METHOD AND APPARATUS FOR ANALYZING SEPARATION BETWEEN SPACED SURFACES USING MAGNETIC FIELD INTENSITY MEASUREMENTS**
[54] **METHODE ET APPAREIL D'ANALYSE DE L'ESPACEMENT ENTRE DES SURFACES AU MOYEN DE MESURES D'INTENSITE DE CHAMP MAGNETIQUE**
[72] LUPKE, MANFRED A. A., CA
[72] LUPKE, STEFAN A., CA
[71] LUPKE, MANFRED A. A., CA
[71] LUPKE, STEFAN A., CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,502**
[13] A1
[51] **Int.Cl. 7G11C 7/00 7G06F 17/30**
[25] EN
[54] **TIME-BASED PARTITIONED CUBE**
[54] **CUBE A REPARTITION EN FONCTION DU TEMPS**
[72] ZELENKA, JOSEPH, CA
[72] POTTER, CHARLES M., CA
[72] MOFFAT, DONALD, CA
[71] COGNOS INCORPORATED, CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,518**
[13] A1
[51] **Int.Cl. 7A01K 63/00 7A47G 1/06**
[25] EN
[54] **IN-WALL DISPLAY**
[54] **PRESENTOIR MURAL ENCASTRE**
[72] ZWEZDARYK, SHANE, CA
[71] DOMINELLI, JOSEPH, CA
[71] ZWEZDARYK, SHANE, CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,530**
[13] A1
[51] **Int.Cl. 7A01D 43/08 7A01D 34/71**
[25] EN
[54] **GRASS AND LEAF GRINDER**
[54] **BROYEUR D'HERBE ET DE FEUILLES**
[72] BADAWEY, GEORGE WAYNE, CA
[71] BADAWEY, GEORGE WAYNE, CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,562**
[13] A1
[51] **Int.Cl. 7B65G 51/18**
[25] EN
[54] **ADJUSTABLE CURVED NECK GUIDE FOR AN AIR CONVEYOR**
[54] **COL INCURVE REGLABLE POUR TRANSPORTEUR PNEUMATIQUE**
[72] RANGER, MICHEL, CA
[71] SIDEL (CANADA) INC., CA
[22] 2003-02-18
[41] 2004-08-18

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[21] **2,419,572**
[13] A1
[51] **Int.Cl. 7A61K 38/46 7A61P 1/18 7A61K 38/43**
[25] EN
[54] **HIGH DOSAGE PROTEASE FORMULATION**
[54] **PREPARATION A FORTE CONCENTRATION DE PROTEASE**
[72] UNKNOWN, ZZ
[71] AXCAN PHARMA INC., CA
[22] 2003-02-18
[41] 2004-08-18

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[21] **2,419,617**
[13] A1
[51] **Int.Cl. 7C10L 9/10 7C10L 9/08**
[25] EN
[54] **METHOD FOR CONVERTING HEAVY OIL RESIDUUM TO A USEFUL FUEL**
[54] **METHODE DE TRANSFORMATION DE RESIDU DE PETROLE LOURD EN CARBURANT UTILE**
[72] WARCHOL, EDWARD, CA
[72] KRESNYAK, STEVE, CA
[71] COLT ENGINEERING CORPORATION, CA
[22] 2003-02-21
[41] 2004-08-21

[21] **2,419,647**
[13] A1
[51] **Int.Cl. 7F25D 13/00 7F25D 29/00 7G05D 27/02 7G05D 23/19 7G05D 16/20**
[25] EN
[54] **WALK-IN COOLER CONTROL AND MONITORING SYSTEM**
[54] **SYSTEME DE COMMANDE ET DE SURVEILLANCE DE CHAMBRE FROIDE**
[72] GINGRAS, JEAN-PIERRE, CA
[71] GINGRAS, JEAN-PIERRE, CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,648**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **CONSUMER REWARDS PROGRAM**
[54] **PROGRAMME DE RECOMPENSES POUR LES CLIENTS**
[72] PISCHKE, KARL, CA
[71] PISCHKE, KARL, CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,655**
[13] A1
[51] **Int.Cl. 7G06K 11/06 7G05G 1/20**
[25] EN
[54] **A MOUTH ACTIVATED INPUT DEVICE FOR AN ELECTRONICALLY RESPONSIVE DEVICE**
[54] **DISPOSITIF D'ENTREE ACTIVE PAR LA BOUCHE POUR UN DISPOSITIF SENSIBLE A DES SIGNAUX ELECTRONIQUES**
[72] KIRCHEN, CHRIS, CA
[72] MOK, PENG FONG, US
[72] LOU, EDMOND HOK MING, CA
[72] FEDORAK, MARK VERNON, CA
[72] RUEFLI, ALFRED, CA
[72] MOK, KELVIN KWONG LOUN, CA
[71] KIRCHEN, CHRIS, CA
[71] MOK, PENG FONG, US
[71] LOU, EDMOND HOK MING, CA
[71] FEDORAK, MARK VERNON, CA
[71] RUEFLI, ALFRED, CA
[71] MOK, KELVIN KWONG LOUN, CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,703**
[13] A1
[51] **Int.Cl. 7B29C 47/26**
[25] EN
[54] **FLOW DISTRIBUTOR FOR DIE TOOLING OF PIPE MOLD EQUIPMENT WITH REMOTE EXTRUDER**
[54] **DISTRIBUTEUR DE FLUX POUR OUTILS DE MOULAGE SOUS PRESSION D'EQUIPEMENT DE MOULAGE DE TUYAUX AVEC EXTRUDEUSE A DISTANCE**
[72] LUPKE, STEFAN A., CA
[72] LUPKE, MANFRED A. A., CA
[71] LUPKE, STEFAN A., CA
[71] LUPKE, MANFRED A. A., CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,712**
[13] A1
[51] **Int.Cl. 7B25B 15/02**
[25] EN
[54] **PUSHLESS SCREW AND DRIVER**
[54] **VIS ET TOURNEVIS SANS PRESSION**
[72] BERES, LOUIS, CA
[71] BERES, LOUIS, CA
[22] 2003-02-19
[41] 2004-08-19

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[21] **2,419,718**
[13] A1
[51] **Int.Cl. 7H04M 3/493 7G10L 13/00 7H04M 11/06 7G10L 15/22**
[25] EN
[54] **TELEPHONE ANSWERING PROGRAM TO RECORD DAILY WORK TIME**
[54] **PROGRAMME DE REPONSE TELEPHONIQUE PERMETTANT D'ENREGISTRER LES HEURES DE TRAVAIL QUOTIDIENNES**
[72] GAGANDEEP, SINGH WARAICH, CA
[71] GAGANDEEP, SINGH WARAICH, CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,419,763**
[13] A1
[51] **Int.Cl. 7F03D 3/00**
[25] EN
[54] **THE PERSONAL AERODYNAMIC ROTARY WINDMILL**
[54] **AEROGENERATEUR PERSONNEL**
[72] WELCH, BASIL T., CA
[71] WELCH, BASIL T., CA
[22] 2003-02-17
[41] 2004-08-17

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[21] **2,420,002**
[13] A1
[51] **Int.Cl. 7B01D 17/032 7C02F 1/40**
[25] EN
[54] **F.O.G. (SOLID/SEMID SOLID FATS, OIL & GREASE) LIQUID SEPARATOR SYSTEM**
[54] **DISPOSITIF SEPARATEUR DE LIQUIDE POUR MATIERES GRASSES (CORPS GRAS SOLIDES ET SEMI-SOLIDES)**
[72] MCLEAN, CID P., CA
[72] CRAIG, RANDY J., CA
[72] MARSDEN, GARY, CA
[72] MOORE, BOB A., CA
[72] THOMAS, JOHN, CA
[72] HERMANSON, ERIC C., CA
[72] NICKURAK, BRIAN, CA
[72] UDALA, BERNE, CA
[71] MCLEAN, CID P., CA
[71] CRAIG, RANDY J., CA
[71] MARSDEN, GARY, CA
[71] MOORE, BOB A., CA
[71] THOMAS, JOHN, CA
[71] HERMANSON, ERIC C., CA
[71] NICKURAK, BRIAN, CA
[71] UDALA, BERNE, CA
[22] 2003-02-19
[41] 2004-08-19

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[21] **2,420,034**
[13] A1
[51] **Int.Cl. 7C10G 1/00 7B02C 4/02**
[25] EN
[54] **JET PUMP SYSTEM FOR FORMING AN AQUEOUS OIL SAND SLURRY**
[54] **POMPE A JET FORMANT UNE BOUE AQUEUSE DE SABLES BITUMINEUX**
[72] ROSSER, ANDREW, CA
[72] CLEMINSON, RON, CA
[72] MCTURK, JIM, CA
[71] ROSSER, ANDREW, CA
[71] CLEMINSON, RON, CA
[71] MCTURK, JIM, CA
[22] 2003-02-18
[41] 2004-08-18

[21] **2,420,108**
[13] A1
[51] **Int.Cl. 7A47L 9/02**
[25] EN
[54] **VACUUM ATTACHMENT FOR BLINDS**
[54] **FIXATION A DEPRESSION POUR STORES**
[72] LACROIX, JOHN P., CA
[72] BAILEY, ANDREW J., US
[71] LACROIX, JOHN P., CA
[71] BAILEY, ANDREW J., US
[22] 2003-02-18
[41] 2004-08-18

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[21] **2,420,117**
[13] A1
[51] **Int.Cl. 7B32B 15/18 7B32B 31/20**
[25] EN
[54] **METHOD OF PRODUCING METAL COMPOSITE MATERIALS COMPRISING INCOMPATIBLE METALS**
[54] **METHODE DE PRODUCTION DE COMPOSITES METALLIQUES COMPRENANT DES METAUX INCOMPATIBLES**
[72] SILDVA, HARRY, CA
[72] HARDWICK, ROY, GB
[71] SIGMABOND TECHNOLOGIES CORPORATION, CA
[22] 2003-02-17
[41] 2004-08-17

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[21] **2,420,129**
[13] A1
[51] **Int.Cl. 7G10L 15/14 7H04B 15/00 7G10L 21/02**
[25] EN
[54] **A METHOD FOR ROBUSTLY DETECTING VOICE ACTIVITY**
[54] **METHODE DE DETECTION ROBUSTE DE L'ACTIVITE VOCALE**
[72] VERREAULT, ERIC, CA
[72] ZHANG, SONG, CA
[71] CATENA NETWORKS, CANADA, INC., CA
[22] 2003-02-17
[41] 2004-08-17

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[21] **2,420,259**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 19/00 7G06F 17/30**
[25] EN
[54] **DENTAL IMAGE STORAGE AND RETRIEVAL APPARATUS**
[54] **APPAREIL DE STOCKAGE ET DE RECUPERATION D'IMAGES DE DENTS**
[72] KALTANJI, TED, CA
[71] ALBADENT LTD., CA
[22] 2003-02-27
[41] 2004-08-21
[30] US (10/371,735) 2003-02-21

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[21] **2,420,362**
[13] A1
[51] **Int.Cl. 7A61F 5/56**
[25] FR
[54] **APPAREIL ANTI RONFLEMENT**
[54] **ANTI-SNORING DEVICE**
[72] JACQUES, ANDRE, CA
[71] JACQUES, ANDRE, CA
[22] 2003-02-20
[41] 2004-08-20

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[21] **2,420,366**
[13] A1
[51] **Int.Cl. 7E04H 7/22**
[25] FR
[54] **INCONNU**
[54] **UNKNOWN**
[72] PRATTE, ROBERT, CA
[71] PRATTE, ROBERT, CA
[22] 2003-02-20
[41] 2004-08-20

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[21] **2,420,642**
[13] A1
[51] **Int.Cl. 7B65D 85/32 7B65D 81/20 7B65D 81/22**
[25] EN
[54] **DRESSED BOILED EGG PACKAGE AND PROCESS**
[54] **CONDITIONNEMENT D'OEUFS DURS ASSAISONNES**
[72] FREDENBURGH, JEFFREY K., CA
[72] FERGUSON, PETER J., CA
[71] FREDENBURGH, JEFFREY K., CA
[71] FERGUSON, PETER J., CA
[22] 2003-02-16
[41] 2004-08-16

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[21] **2,420,810**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7G09B 5/00 7G06F 17/00**
[25] EN
[54] **ONLINE EDUCATIONAL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION PEDAGOGIQUE EN LIGNE**
[72] CAROTENUTO, ENZO V., CA
[71] CAROTENUTO, ENZO V., CA
[22] 2003-02-21
[41] 2004-08-21

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[21] **2,420,824**
[13] A1
[51] **Int.Cl. 7A63B 69/36 7A63B 57/00**
[25] EN
[54] **UNKNOWN**
[54] **INCONNU**
[72] SAMSON, JEAN FRANCOIS, CA
[71] SAMSON, JEAN FRANCOIS, CA
[22] 2003-02-20
[41] 2004-08-20

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[21] **2,422,566**
[13] A1
[51] **Int.Cl. 7E05D 13/00**
[25] EN
[54] **SPRING BALANCE ASSEMBLY**
[54] **RESSORT DE RAPPEL**
[72] PETTIT, DEAN, US
[71] ASHLAND PRODUCTS, INC., US
[22] 2003-03-19
[41] 2004-08-20
[30] US (10/370,084) 2003-02-20

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[21] **2,423,624**
[13] A1
[51] **Int.Cl. 7B29C 45/17**
[25] EN
[54] **METHOD OF MANUFACTURING BOOTS FOR RESIN CONSTANT VELOCITY UNIVERSAL JOINT AND APPARATUS FOR MANUFACTURING BOOTS FOR RESIN CONSTANT VELOCITY UNIVERSAL JOINT**
[54] **METHODE ET APPAREIL DE FABRICATION DE SOUFFLETS DE PROTECTION POUR JOINTS UNIVERSELS HOMOCINETIQUES EN RESINE**
[72] TAKADA, YASUJI, JP
[72] SUEOKA, KAZUHIKO, JP
[71] FUKOKU CO., LTD., JP
[22] 2003-03-27
[41] 2004-08-19
[30] JP (2003-041317) 2003-02-19

[21] **2,424,606**
[13] A1
[51] **Int.Cl. 7A47L 9/14 7A47L 9/10**
[25] EN
[54] **DUST COLLECTING CONTAINER FOR VACUUM CLEANER**
[54] **COLLECTEUR DE POUSSIERE POUR ASPIRATEUR**
[72] YOO, DONG-HUN, KR
[72] LEE, HYUN-JU, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2003-04-04
[41] 2004-08-21
[30] KR (2003-11118) 2003-02-21

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[21] **2,425,965**
[13] A1
[51] **Int.Cl. 7G10G 1/00 7G10G 3/04**
[25] EN
[54] **COLORED MUSIC NOTATION SYSTEM AND METHOD OF COLORIZING MUSIC NOTATION**
[54] **SYSTEME DE NOTATION MUSICALE EN COULEUR ET METHODE DE COLORATION**
[72] HYMAN, VICTOR MAIR, CA
[72] KESTENBAUM, DAVID, CA
[71] KESTENBAUM, DAVID, CA
[22] 2003-04-11
[41] 2004-08-17

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[21] **2,428,562**
[13] A1
[51] **Int.Cl. 7A47C 1/031 7A47C 3/30**
[25] EN
[54] **CHAIR CONTROL DEVICE FOR A TILTABLE CHAIR**
[54] **DISPOSITIF DE COMMANDE D'INCLINAISON DE SIEGE**
[72] STUMPF, WILLIAM, CA
[71] WARVEL PRODUCTS, INC.-NC, US
[22] 2003-05-14
[41] 2004-08-18
[30] US (10/368,691) 2003-02-18

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[21] **2,429,707**
[13] A1
[51] **Int.Cl. 7B01F 5/12**
[25] EN
[54] **WASTE MUD AGITATION SYSTEM**
[54] **AGITATEUR DE DECHETS BOUEUX**
[72] GORDON, GORDON L., CA
[71] GORDON, GORDON L., CA
[22] 2003-05-26
[41] 2004-08-17
[30] US (10/443232) 2003-05-22

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[21] **2,430,096**
[13] A1
[51] **Int.Cl. 7A47L 9/16**
[25] EN
[54] **CYCLONE-TYPE DUST COLLECTING APPARATUS FOR A VACUUM CLEANER**
[54] **COLLECTEUR DE POUSSIERE A CYCLONE POUR ASPIRATEUR**
[72] OH, JANG-KEUN, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2003-05-27
[41] 2004-08-21
[30] KR (2003-11119) 2003-02-21

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[21] **2,432,505**
[13] A1
[51] **Int.Cl. 7E03D 3/12**
[25] EN
[54] **DUAL FLUSHING MECHANISM**
[54] **MECANISME DE CHASSE D'EAU DOUBLE**
[72] KRAGULJ, BRANISLAV, CA
[72] MOLHO, JOSEPH, CA
[71] AQUANOTION LTD., CA
[22] 2003-06-17
[41] 2004-08-15

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[21] **2,434,347**
[13] A1
[51] **Int.Cl. 7B62B 17/02 7A62C 5/00**
[25] EN
[54] **DUAL SKI SKAG**
[54] **QUILLE DOUBLE POUR SKIS**
[72] LUND, JEROME EDWARD, US
[71] ARCTIC CAT INC., US
[22] 2003-07-04
[41] 2004-08-18
[30] US (10/369,221) 2003-02-18

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[21] **2,437,669**
[13] A1
[51] **Int.Cl. 7H04L 12/24 7H04L 12/26**
[25] EN
[54] **NETWORK SYSTEM, LEARNING BRIDGE NODE, LEARNING METHOD AND ITS PROGRAM**
[54] **SYSTEME EN RESEAU, NOEUD DE PONT INTELLIGENT, METHODE D'APPRENTISSAGE ET PROGRAMME CONNEXE**
[72] HIDAKA, YOUICHI, JP
[72] IWATA, ATSUSHI, JP
[72] UMAYABASHI, MASAKI, JP
[72] ENOMOTO, NOBUYUKI, JP
[71] NEC CORPORATION, JP
[22] 2003-08-19
[41] 2004-08-19
[30] JP (2003-041727) 2003-02-19

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[21] **2,437,679**
[13] A1
[51] **Int.Cl. 7H04L 12/24 7H04L 29/06 7H04L 12/26 7H04L 12/46**
[25] EN
[54] **NETWORK SYSTEM, SPANNING TREE CONFIGURATION METHOD AND CONFIGURATION PROGRAM AND SPANNING TREE CONFIGURATION NODE**
[54] **SYSTEME EN RESEAU, METHODE DE CONFIGURATION ET PROGRAMME DE CONFIGURATION D'ARBORESCENCE ET NOEUD DE CONFIGURATION D'ARBORESCENCE**
[72] ENOMOTO, NOBUYUKI, JP
[72] UMAYABASHI, MASAKI, JP
[72] IWATA, ATSUSHI, JP
[72] HIDAKA, YOUICHI, JP
[71] NEC CORPORATION, JP
[22] 2003-08-19
[41] 2004-08-19
[30] JP (2003-041794) 2003-02-19

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[21] **2,438,408**
[13] A1
[51] **Int.Cl. 7E05D 13/00**
[25] EN
[54] **BLOCK AND TACKLE SASH BALANCE SHOE**
[54] **SABOT D'EQUILIBREUR DE CHASSIS A POULIES**
[72] MALEK, NEEMAN, CA
[71] POMEROY, INCORPORATED, US
[22] 2003-08-28
[41] 2004-08-21
[30] US (60/449,048) 2003-02-21

[21] **2,440,535**
[13] A1
[51] **Int.Cl. 7C09B 29/036**
[25] EN
[54] **WATER-INSOLUBLE VIOLET BENZIMIDAZOLONE MONOAZO PIGMENTS**
[54] **PIGMENTS MONOAZOIQUES DE BENZIMIDAZOLONE VIOLETS HYDRO-INSOLUBLES**
[72] SLUPECKY, JAROSLAV, CA
[72] YEE, JUSTIN, CA
[72] VINCENT, MARK, CA
[72] SKELTON, HELEN, CA
[71] DOMINION COLOUR CORPORATION, CA
[22] 2003-09-11
[41] 2004-08-20
[30] US (10/368,586) 2003-02-20

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[21] **2,440,690**
[13] A1
[51] **Int.Cl. 7A43C 17/00**
[25] EN
[54] **GRIPPING RIDING SPURS**
[54] **EPERONS D'EQUITATION PERMETTANT DE SERRER LE CHEVAL SANS LE BLESSER**
[72] FRANKLIN, REID ALBERT, CA
[72] FRANKLIN, MERTON CHARLES, CA
[71] FRANKLIN, REID ALBERT, CA
[71] FRANKLIN, MERTON CHARLES, CA
[22] 2003-09-10
[41] 2004-08-19
[30] US (10/367,158) 2003-02-19

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[21] **2,444,684**
[13] A1
[51] **Int.Cl. 7D21F 1/10 7D21F 7/08 7D21F 7/12**
[25] EN
[54] **APPARATUS FOR TREATING A WIRE OR A FELT BAND IN A PAPERMAKING INSTALLATION**
[54] **APPAREIL POUR LE TRAITEMENT DE BANDE TISSEE METALLIQUE OU DE FEUTRE DE PAPETERIE**
[72] BARTELMUSS, HEINZ, AT
[72] BARTELMUSS, KLAUS, AT
[71] BARTELMUSS, HEINZ, AT
[71] BARTELMUSS, KLAUS, AT
[22] 2003-10-15
[41] 2004-08-20
[30] AT (A 257/2003) 2003-02-20

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[21] **2,446,366**
[13] A1
[51] **Int.Cl. 7B25B 23/144**
[25] EN
[54] **ELECTRONIC TORQUE WRENCH WITH FLEXIBLE HEAD**
[54] **CLE DYNAMOMETRIQUE ELECTRONIQUE AVEC TETE FLEXIBLE**
[72] CURRY, DAVID D., US
[71] SNAP-ON TECHNOLOGIES, INC., US
[22] 2003-10-23
[41] 2004-08-19
[30] US (10/368,032) 2003-02-19

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[21] **2,447,108**
[13] A1
[51] **Int.Cl. 7F24C 7/08 7F24C 15/10**
[25] EN
[54] **ONE-PIECE BURNER ELEMENT/ SWITCH SUPPORT FOR A COOKTOP**
[54] **SUPPORT MONOBLOC POUR BRULEURS ET INTERRUPTEURS DE TABLE DE CUISSON**
[72] MCFARLAND, JAMES COTY, US
[71] MAYTAG CORPORATION, US
[22] 2003-10-28
[41] 2004-08-19
[30] US (10/367,760) 2003-02-19

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[21] **2,447,406**
[13] A1
[51] **Int.Cl. 7B29D 30/08 7B60C 5/00**
[25] EN
[54] **TIRE**
[54] **PNEU**
[72] HSU, SHUT CHEN, XX
[71] HSU, SHUT CHEN, XX
[22] 2003-10-30
[41] 2004-08-18
[30] TW (92103349) 2003-02-18

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[21] **2,447,939**
[13] A1
[51] **Int.Cl. 7B63C 11/26 7H04B 3/00 7G06F 3/14**
[25] EN
[54] **TEXT COMMUNICATION DEVICE FOR DIVERS**
[54] **DISPOSITIF DE TRANSMISSION DE TEXTE POUR PLONGEURS**
[72] MANDEL, YARON NAHUM, CA
[71] MANDEL, YARON NAHUM, CA
[22] 2003-11-07
[41] 2004-08-19
[30] US (10/367,027) 2003-02-19

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[21] **2,448,431**
[13] A1
[51] **Int.Cl. 7H01R 4/66 7H02K 13/00 7H02K 5/22**
[25] EN
[54] **ELECTRIC MOTOR BONDING APPARATUS**
[54] **CONDUCTEUR DE MISE A LA MASSE POUR MOTEUR ELECTRIQUE**
[72] WATKINS, WILLIAM J., US
[72] LIN, CHIH M., US
[72] LONG, NORMAN R., US
[71] A.O. SMITH CORPORATION, US
[22] 2003-11-06
[41] 2004-08-21
[30] US (10/371,559) 2003-02-21

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[21] **2,448,860**
[13] A1
[51] **Int.Cl. 7E04F 15/00 7B32B 13/00 7B28D 1/00**
[25] EN
[54] **A TILE WHICH CAN BE MODELLED IN A COLD STATE AND A PROCESS FOR MANUFACTURING THE TITLE**
[54] **CARREAU POUVANT ETRE MODELE A FROID, ET PROCEDE DE FABRICATION**
[72] BASSI, DANIELE, IT
[72] MOROTTI, GIULIANO, IT
[71] BASSI, DANIELE, IT
[71] MOROTTI, GIULIANO, IT
[22] 2003-11-12
[41] 2004-08-21
[30] IT (MO2003A000039) 2003-02-21

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[21] **2,449,906**
[13] A1
[51] **Int.Cl. 7A23L 1/32 7A23J 3/08**
[25] EN
[54] **EGG REPLACER CONCENTRATE AND LIQUID EGG REPLACER**
[54] **CONCENTRE DE SUBSTITUT D'OEUF ET SUBSTITUT D'OEUF LIQUIDE**
[72] MATTHIJSSEN, GERARDUS ANTONIUS FRANCISCUS, NL
[72] VAN AMERONGEN, IVO ANTONIUS, NL
[72] BODOR, JANOS, NL
[71] UNILEVER PLC, GB
[22] 2003-11-19
[41] 2004-08-21
[30] EP (03075500.3) 2003-02-21

[21] **2,450,963**
[13] A1
[51] **Int.Cl. 7A61B 18/12 7A61K 7/06**
[25] EN
[54] **METHOD OF HAIR REMOVAL**
[54] **METHODE D'EPILATION**
[72] RONCI, ROMEO V., US
[71] RONCI, ROMEO V., US
[22] 2003-11-27
[41] 2004-08-20
[30] US (10/368,453) 2003-02-20

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[21] **2,452,657**
[13] A1
[51] **Int.Cl. 7H01M 8/24 7H01M 8/10 7H02J 7/34**
[25] EN
[54] **A BATTERY WITH MINIATURISED SOFC FUEL CELLS**
[54] **BATTERIE DE PILES A COMBUSTIBLE A OXYDE SOLIDE (SOFC) MINIATURISEES**
[72] ROBERT, GILLES, CH
[71] SULZER MARKETS AND TECHNOLOGY AG, CH
[22] 2003-12-09
[41] 2004-08-18
[30] EP (03 405 091.4) 2003-02-18

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[21] **2,452,778**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD FOR SEARCHING, FINDING AND CONTACTING DATES ON THE INTERNET IN INSTANT MESSAGING NETWORKS AND/OR IN OTHER METHODS THAT ENABLE IMMEDIATE FINDING AND CREATING IMMEDIATE CONTACT**
[54] **SYSTEME ET METHODE POUR CHERCHER, TROUVER ET CONTACTER DES PERSONNES PAR INTERNET SUR DES RESEAUX DE MESSAGERIE INSTANTANEE ET/OU A L'AIDE D'AUTRES METHODES QUI PERMETTENT DE TROUVER INSTANTANEMENT DES PERSONNES ET D'ETABLIR INSTANTANEMENT DES CONTACTS**
[72] MAYER, YARON, IL
[71] MAYER, YARON, IL
[22] 2003-12-29
[41] 2004-08-18
[30] CA (2,419120) 2003-02-18
[30] CA (2,432,811) 2003-07-02
[30] CA (2,432,817) 2003-07-04
[30] US (10/621,509) 2003-07-18
[30] CA (2,437,456) 2003-08-08
[30] CA (2,437,451) 2003-08-13
[30] CA (2,440,398) 2003-09-05
[30] CA (2,455,342) 2003-12-17

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[21] **2,453,591**
[13] A1
[51] **Int.Cl. 7H01M 2/16 7H01M 10/40**
[25] EN
[54] **OXIDATION RESISTANT SEPARATOR FOR A BATTERY**
[54] **SEPARATEUR DE PILE RESISTANT A L'OXYDATION**
[72] ZHANG, ZHENGMING, US
[72] ARORA, PANKAJ, US
[71] CELGARD INC., US
[22] 2003-12-16
[41] 2004-08-21
[30] US (10/371,461) 2003-02-21

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[21] **2,453,813**
[13] A1
[51] **Int.Cl. 7H04B 10/18**
[25] EN
[54] **A METHOD AND SYSTEM FOR LIGHT PATH MONITORING IN AN OPTICAL COMMUNICATION NETWORK**
[54] **METHODE ET SYSTEME DE SURVEILLANCE DE TRAJET LUMINEUX DANS UN RESEAU DE TRANSMISSION OPTIQUE**
[72] WAN, PING WAI, CA
[72] BIERMAN, ROBERT MICHAEL, CA
[72] OBEDA, PAUL DAVID, CA
[72] BACQUE, JAMES BENSON, CA
[72] REMEDIOS, DERRICK, CA
[72] KELLY, COLIN GEOFFREY, CA
[71] TROPIC NETWORKS INC., CA
[22] 2003-12-19
[41] 2004-08-19
[30] US (60/447,726) 2003-02-19

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[21] **2,454,480**
[13] A1
[51] **Int.Cl. 7H04L 1/00 7H04L 7/00**
[25] EN
[54] **CHANNEL ESTIMATION APPARATUS AND METHOD IN DIGITAL COMMUNICATION SYSTEM**
[54] **APPAREIL ET METHODE D'EVALUATION DES CANAUX DANS UN SYSTEME DE COMMUNICATION NUMERIQUE**
[72] JEONG, JIN-HEE, KR
[72] KIM, JUNG-JIN, KR
[72] KWON, YONG-SIK, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2003-12-24
[41] 2004-08-18
[30] KR (2003-10157) 2003-02-18

[21] **2,454,546**
[13] A1
[51] **Int.Cl. 7A61M 5/178 7A61M 5/00 7B65C 9/46 7A61M 5/50**
[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFICATION AND/OR MONITORING OF MEDICAL SYRINGES**
[54] **METHODE ET APPAREIL POUR L'IDENTIFICATION OU LE SUIVI DE SERINGUES MEDICALES**
[72] HENNIG, HELMUT, DE
[72] VETTER, UDO J., DE
[71] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG, DE
[22] 2003-12-30
[41] 2004-08-15
[30] DE (103 06 400.1-44) 2003-02-15

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[21] **2,454,593**
[13] A1
[51] **Int.Cl. 7E01C 23/18 7E01F 9/04 7B60D 1/14**
[25] EN
[54] **TEMPORARY RAISED PAVEMENT MARKER (TRPM) APPLICATOR MACHINE FOR AUTOMATICALLY APPLYING PAVEMENT MARKERS TO ROAD SURFACES**
[54] **APPLICATEUR AUTOMATIQUE DE MARQUES TEMPORAIRES EN RELIEF SUR LA CHAUSSEE**
[72] ANDERSON, BRAD, US
[72] ORTHAUS, CHAD, US
[72] ROGERS, JEFFREY, US
[72] WILKENS, JEFFREY A., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-12-31
[41] 2004-08-19
[30] US (10/367,823) 2003-02-19

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[21] **2,455,046**
[13] A1
[51] **Int.Cl. 7A47C 3/025 7A47C 1/024 7A47C 3/026 7A47C 7/36**
[25] EN
[54] **BACKREST**
[54] **DOSSIER DE SIEGE**
[72] SCHLEGEL, MANFRED, DE
[72] SEILER, MATHIAS, DE
[72] GRASSE, KLAUS-PETER, DE
[71] SEDUS STOLL AG, DE
[22] 2004-01-13
[41] 2004-08-16
[30] EP (03 003 522.4) 2003-02-16

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[21] **2,455,085**
[13] A1
[51] **Int.Cl. 7A23P 1/00 7A21C 15/00 7B26D 7/01 7A21C 15/04 7B65B 25/16**
[25] EN
[54] **FOOD PRODUCT MARKING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE MARQUAGE DE PRODUITS ALIMENTAIRES**
[72] FINKOWSKI, JAMES W., US
[72] ARLINGHAUS, MARK E., US
[71] THE PILLSBURY COMPANY, US
[22] 2004-01-12
[41] 2004-08-19
[30] US (10/369,203) 2003-02-19

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[21] **2,455,264**
[13] A1
[51] **Int.Cl. 7H04L 12/66 7H04L 12/50 7H04L 12/56**
[25] EN
[54] **SUBSCRIBER MOBILITY IN TELEPHONY SYSTEMS**
[54] **MOBILITE D'ABONNE DANS DES SYSTEMES TELEPHONIQUES**
[72] HASERODT, KURT H., US
[72] RAVIPATI, CHANDRA M., US
[72] MILTON, STEPHEN M., US
[72] CHAVEZ, DAVID L., US
[72] BOYLE, FRANK J., US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2004-01-15
[41] 2004-08-21
[30] US (10/370,845) 2003-02-21

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[21] **2,455,377**
[13] A1
[51] **Int.Cl. 7A61F 2/38 7A61F 2/28 7A61F 2/30**
[25] EN
[54] **MODULAR BONE IMPLANT, TOOL AND METHOD**
[54] **GREFFON OSSEUX MODULAIRE, OUTIL ET METHODE**
[72] TRIPLETT, DANIEL J., US
[72] FALLIN, THOMAS WADE, US
[72] GOBLE, E. MARLOW, US
[72] HODOREK, ROBERT A., US
[72] GERBEC, DANIEL, US
[72] HAMMOND, NATHAN A., US
[72] JUSTIN, DANIEL F., US
[72] BAKER, GORDON, US
[71] ZIMMER TECHNOLOGY, INC., US
[22] 2004-01-19
[41] 2004-08-18
[30] US (10/369,331) 2003-02-18

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[21] **2,455,537**
[13] A1
[51] **Int.Cl. 7B29C 45/03 7B29C 45/20 7B29C 45/27**
[25] EN
[54] **HEAT DISSIPATION DEVICE FOR AND METHOD OF DISSIPATING HEAT FROM A NOZZLE**
[54] **DISPOSITIF ET METHODE DE DISSIPATION DE CHALEUR D'UNE BUSE**
[72] TRUDEAU, ROBERT, US
[71] MOLD-MASTERS LIMITED, CA
[22] 2004-01-21
[41] 2004-08-20
[30] US (60/448,146) 2003-02-20
[30] US (60/452,497) 2003-03-07

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[21] **2,455,640**
[13] A1
[51] **Int.Cl. 7H04B 1/74 7H04J 14/02 7H04B 10/08**
[25] EN
[54] **PROTECTION SWITCHING ARCHITECTURE AND METHOD OF USE**
[54] **ARCHITECTURE DE COMMUTATION DE PROTECTION ET METHODE D'UTILISATION**
[72] KERFOOT, FRANKLIN W., III, US
[71] TYCO TELECOMMUNICATIONS (US) INC., US
[22] 2004-01-21
[41] 2004-08-18
[30] US (10/368,907) 2003-02-18

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[21] **2,455,714**
[13] A1
[51] **Int.Cl. 7G05D 1/10 7B64C 19/00**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATICALLY CONTROLLING A PATH OF TRAVEL OF A VEHICLE**
[54] **SYSTEME ET METHODE DE COMMANDE AUTOMATIQUE DU TRAJET D'UN VEHICULE**
[72] CAMERON, DOUGLAS C., US
[72] BROWN, ERIC D., US
[72] VON KLEIN, WALTER, JR., US
[72] KROTHAPALLI, KRISH R., US
[72] WILLIAMS, TODD M., US
[71] THE BOEING COMPANY, US
[22] 2004-01-23
[41] 2004-08-19
[30] US (10/369,285) 2003-02-19

[21] **2,455,739**
[13] A1
[51] **Int.Cl. 7B29C 45/03 7B29C 45/27**
[25] EN
[54] **HEAT DISSIPATION DEVICE FOR AND METHOD OF DISSIPATING HEAT FROM A MANIFOLD**
[54] **DISPOSITIF ET METHODE DE DISSIPATION DE CHALEUR D'UN COLLECTEUR**
[72] TRUDEAU, ROBERT, US
[71] MOLD-MASTERS LIMITED, CA
[22] 2004-01-21
[41] 2004-08-20
[30] US (60/448,146) 2003-02-20
[30] US (60/452,497) 2003-03-07

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[21] **2,455,865**
[13] A1
[51] **Int.Cl. 7H04L 29/06 7H04L 9/00 7G06F 12/14**
[25] EN
[54] **INTERNET PRIVACY PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION DE LA CONFIDENTIALITE SUR INTERNET**
[72] PARASKAKE, MICHAEL, CA
[72] SAMI, VIKASH KRISHNA, CA
[71] SAAFNET CANADA INCORPORATED, CA
[22] 2004-02-19
[41] 2004-08-19
[30] US (10/364,322) 2003-02-19

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[21] **2,455,926**
[13] A1
[51] **Int.Cl. 7F16B 39/22**
[25] EN
[54] **WEDGE-LOCK FASTENER AND ASSOCIATED INSTALLATION AND ASSEMBLY METHODS**
[54] **FIXATION DE VERROUILLAGE PAR CALE, ET METHODES D'INSTALLATION ET D'ASSEMBLAGE ASSOCIEES**
[72] ANDERSON, MATTHEW L., US
[72] KOCH, WILLIAM J., US
[71] THE BOEING COMPANY, US
[22] 2004-01-26
[41] 2004-08-20
[30] US (10/369,879) 2003-02-20

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[21] **2,456,026**
[13] A1
[51] **Int.Cl. 7B23K 20/10**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE LIAISON PAR SOUDAGE D'AU MOINS DEUX FEUILLES METALLIQUES ET JOINTS OBTENUS**
[54] **PROCESS AND DEVICE FOR JOINING BY WELDING AT LEAST TWO METAL SHEETS AND THE RESULTING JOINTS**
[72] SAGE, LOIC MICHEL PASCAL, FR
[72] CLAVEYROLLAS, DANIEL FREDERIC, FR
[71] CARL FREUDENBERG KG, DE
[22] 2004-01-29
[41] 2004-08-17
[30] FR (03 01869) 2003-02-17

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[21] **2,456,260**
[13] A1
[51] **Int.Cl. 7H04L 9/00 7H04L 9/28**
[25] EN
[54] **OPTICAL OUT-OF-BAND KEY DISTRIBUTION**
[54] **TRANSMISSION OPTIQUE HORS BANDE DE CLE**
[72] SHERMAN, NATHAN C., US
[71] MICROSOFT CORPORATION, US
[22] 2004-01-19
[41] 2004-08-19
[30] US (10/369,375) 2003-02-19

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[21] **2,456,487**
[13] A1
[51] **Int.Cl. 7D01D 5/08 7D01F 6/00 7B32B 27/28 7B32B 31/30**
[25] EN
[54] **MULTI-LAYER MONOFILAMENT AND PROCESS FOR MANUFACTURING A MULTI-LAYER MONOFILAMENT**
[54] **MONOFILAMENT MULTICOUCHES ET PROCEDE DE FABRICATION**
[72] MORTON-FINGER, JUERGEN, DE
[71] MOTECH GMBH TECHNOLOGY & SYSTEMS, DE
[22] 2004-02-03
[41] 2004-08-20
[30] DE (103 07 174.1) 2003-02-20

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[21] **2,456,696**
[13] A1
[51] **Int.Cl. 7F01D 5/18**
[25] FR
[54] **AUBES DE TURBINE REFROIDIE A FUITE D'AIR DE REFROIDISSEMENT REDUITE**
[54] **TURBINE BLADES COOLED BY REDUCED ESCAPEMENT OF COOLING AIR**
[72] SCHWARTZ, ERIC, FR
[72] DUBOIS, LAURENT, FR
[72] REDON, DAMIEN, FR
[71] SNECMA MOTEURS, FR
[22] 2004-02-11
[41] 2004-08-18
[30] FR (03 01916) 2003-02-18

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[21] **2,456,797**
[13] A1
[51] **Int.Cl. 7E21B 21/08 7E21B 47/12**
[25] EN
[54] **DEFORMABLE BLADES FOR DOWNHOLE APPLICATIONS IN A WELLBORE**
[54] **LAMES DEFORMABLES POUR APPLICATIONS DE PUITS DE FORAGE**
[72] OSSIA, SEPAND, US
[72] BERNARD, LARRY, US
[72] KANTE, ADAME, US
[72] ARZOUMANIDIS, ALEX G., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2004-02-03
[41] 2004-08-21
[30] US (10/248,824) 2003-02-21

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[21] **2,456,999**
[13] A1
[51] **Int.Cl. 7G05B 23/02 7B61C 17/12**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTONOMOUSLY RESOLVING A FAILURE**
[54] **METHODE ET SYSTEME DE RESOLUTION AUTONOME DE DEFAILLANCE**
[72] JAMMU, VINAY BHASKAR, US
[72] BHARADWAJ, RAJ MOHAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2004-02-05
[41] 2004-08-20
[30] US (10/370,824) 2003-02-20

[21] **2,457,001**
[13] A1
[51] **Int.Cl. 7E02D 27/50 7E02D 5/80**
[25] EN
[54] **PRECONSTRUCTION ANCHORING SYSTEM AND METHOD FOR BUILDINGS**
[54] **SYSTEME ET METHODE D'ANCRAGE PREPARATOIRE POUR BATIMENTS**
[72] BACON, CHRISTOPHER WAYNE, US
[72] GREGORY, STEVEN D., US
[72] PHARR, ROBERT KENT, US
[71] GREGORY ENTERPRISES, INC., US
[22] 2004-02-05
[41] 2004-08-20
[30] US (10/369,838) 2003-02-20

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[21] **2,457,180**
[13] A1
[51] **Int.Cl. 7H01M 8/04 7H01M 8/12 7H01M 8/24**
[25] EN
[54] **INTERCONNECT DEVICE, FUEL CELL AND FUEL CELL STACK**
[54] **DISPOSITIF D'INTERCONNEXION, PILE A COMBUSTIBLE ET ASSEMBLAGE DE PILES A COMBUSTIBLE**
[72] OLSEN, CHRISTIAN, DK
[72] USTERUD, HARALD, DK
[72] NIELSEN, JENS ULRIK, DK
[71] HALDOR TOPSOE A/S, DK
[22] 2004-02-10
[41] 2004-08-15
[30] DK (PA 2003 00232) 2003-02-15

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[21] **2,457,241**
[13] A1
[51] **Int.Cl. 7B23B 51/04 7B23B 31/06**
[25] EN
[54] **UNIVERSAL QUICK CHANGE HOLE SAW ARBOR**
[54] **MANDRIN PORTE-SCIE CYLINDRIQUE UNIVERSEL A CHANGEMENT RAPIDE**
[72] NORDLIN, WILLIAM F., US
[71] GREENLEE TEXTRON INC., US
[22] 2004-02-06
[41] 2004-08-18
[30] US (60/448,387) 2003-02-18

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[21] **2,457,257**
[13] A1
[51] **Int.Cl. 7B66B 21/12 7B66B 29/08**
[25] FR
[54] **DISPOSITIF DE TRANSFERT PEFECTIONNE POUR SYSTEME DE TRANSPORT, TEL QUE TROTTOIR ROULANT**
[54] **IMPROVED TRANSFER DEVICE FOR TRANSPORT SYSTEM, SUCH AS A MOVING SIDEWALK**
[72] DIAZ, BERNARD, FR
[71] CONSTRUCTIONS INDUSTRIELLES DE LA MEDITERRANEE - CNIM, FR
[22] 2004-02-11
[41] 2004-08-19
[30] FR (03 01994) 2003-02-19

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[21] **2,457,271**
[13] A1
[51] **Int.Cl. 7B07C 3/14**
[25] FR
[54] **PROCEDE POUR LA RECONNAISSANCE OPTIQUE D'ENVOIS POSTAUX UTILISANT PLUSIEURS IMAGES**
[54] **PROCESS USING SEVERAL IMAGES FOR THE OPTICAL RECOGNITION OF MAIL**
[72] BENYOUB, BELKACEM, FR
[71] SOLYSTIC, FR
[22] 2004-02-12
[41] 2004-08-19
[30] FR (0301997) 2003-02-19

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[21] **2,457,281**
[13] A1
[51] **Int.Cl. 7E21B 37/06 7C09K 7/02**
[25] FR
[54] **METHODE PERMETTANT D'EVITER LA SEDIMENTATION DES CRISTAUX D'HYDRATES DE GAZ**
[54] **METHOD OF PREVENTING SEDIMENTATION OF GAS HYDRATE CRYSTALS**
[72] GATEAU, PATRICK, FR
[72] VILAGINES, REGIS, FR
[72] BEUNAT, VIRGINIE, FR
[72] SINQUIN, ANNE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 2004-02-16
[41] 2004-08-19
[30] FR (03 02 053) 2003-02-19

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[21] **2,457,285**
[13] A1
[51] **Int.Cl. 7H04Q 7/38 7H04B 7/216**
[25] EN
[54] **SCHEDULING APPARATUS AND METHOD IN A CDMA MOBILE COMMUNICATION SYSTEM**
[54] **APPAREIL ET METHODE DE PLANIFICATION DANS UN SYSTEME MOBILE DE COMMUNICATIONS AMRC**
[72] LEE, JU-HO, KR
[72] KIM, YOUNG-BUM, KR
[72] HEO, YOUN-HYOUNG, KR
[72] CHOI, SUNG-HO, KR
[72] KWAK, YONG-JUN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2004-02-11
[41] 2004-08-15
[30] KR (2003-9665) 2003-02-15

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[21] **2,457,289**
[13] A1
[51] **Int.Cl. 7B64D 27/12 7B64D 27/18**
[25] FR
[54] **STRUCTURE PORTEUSE POUR UN TURBOPROPULSEUR ET ENSEMBLE COMPORTANT UNE TELLE STRUCTURE PORTEUSE**
[54] **LOAD-BEARING STRUCTURE FOR A TURBOPROP AND ASSEMBLY COMPRISING SUCH A LOAD-BEARING STRUCTURE**
[72] MAZEAUD, GEORGES, FR
[72] PICARD, JEAN-LOUIS, FR
[71] SNECMA MOTEURS, FR
[22] 2004-02-18
[41] 2004-08-19
[30] FR (03 02 000) 2003-02-19

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[21] **2,457,364**
[13] A1
[51] **Int.Cl. 7A61B 5/15 7A61B 19/00 7A01N 1/02 7G01N 33/49 7B65D 85/50 7G01N 33/50**
[25] EN
[54] **A PACKAGED BAG SYSTEM PROVIDED WITH INDENTIFICATION MEANS**
[54] **SAC ENCAPSULE AVEC DISPOSITIF D'IDENTIFICATION**
[72] GOUDALIEZ, FRANCIS, FR
[72] VERPOORT, THIERRY, FR
[72] DEMAY, SYLVIE, FR
[71] MACO PHARMA, FR
[22] 2004-02-12
[41] 2004-08-19
[30] FR (03 02033) 2003-02-19

[21] **2,457,371**
[13] A1
[51] **Int.Cl. 7F16B 35/00 7F16B 35/04 7A61B 17/86**
[25] EN
[54] **IMPLANT DEVICE INCLUDING THREADED LOCKING MECHANISM**
[54] **DISPOSITIF D'IMPLANT COMPRENANT UN MECANISME DE BLOCAGE FILETE**
[72] ADAMS, JAMES W., US
[72] RAYNOR, DONALD E., US
[71] SPINAL INNOVATIONS, LLC, US
[22] 2004-02-11
[41] 2004-08-19
[30] US (10/369,158) 2003-02-19

[21] **2,457,416**
[13] A1
[51] **Int.Cl. 7A47C 5/06**
[25] EN
[54] **CHAIR SEAT WITH FIRM BUT RESILIENT FRONT EDGE**
[54] **FOND DE SIEGE COMPRENANT UN REBORD AVANT ELASTIQUE FERME**
[72] BOTTEMILLER, DONALD L., US
[71] HOMECREST INDUSTRIES INCORPORATED, US
[22] 2004-02-12
[41] 2004-08-19
[30] US (10/369,444) 2003-02-19

[21] **2,457,466**
[13] A1
[51] **Int.Cl. 7B29C 47/78**
[25] EN
[54] **SIDING PRODUCTION LINE COOLING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE REFROIDISSEMENT DE CHAINE DE FABRICATION DE BARDAGE**
[72] SZABO, ROBERT, US
[72] STOVIN, GARFIELD, US
[72] MINER, STEVAN, US
[71] K-TER IMAGINEERING, INC., US
[22] 2004-02-11
[41] 2004-08-21
[30] US (10/371,318) 2003-02-21

[21] **2,457,469**
[13] A1
[51] **Int.Cl. 7B60R 11/02**
[25] EN
[54] **VEHICLE MOUNTING SYSTEM FOR A VIDEO DISPLAY UNIT**
[54] **SYSTEME DE MONTAGE SUR VEHICULE POUR UNITE D'AFFICHAGE VIDEO**
[72] MORTAZAVI, ALI, CA
[72] LE, THAI, CA
[71] MOBILE KNOWLEDGE INC., CA
[22] 2004-02-11
[41] 2004-08-20
[30] US (10/368,571) 2003-02-20

[21] **2,457,480**
[13] A1
[51] **Int.Cl. 7G01M 17/00 7G01M 15/00**
[25] EN
[54] **A FAILURE DIAGNOSING APARATUS FOR AN ENGINE COOLING WATER TEMPERATURE SENSOR**
[54] **APPAREIL DE DETECTION DE DEFAILLANCE DE DETECTEUR DE TEMPERATURE DE LIQUIDE DE REFROIDISSEMENT DE MOTEUR**
[72] GOSYO, EISAKU, JP
[72] TAKASUKA, YOSHITAKA, JP
[72] TSUKAMOTO, TOSHINORI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-02-12
[41] 2004-08-20
[30] JP (2003-42069) 2003-02-20

[21] **2,457,487**
[13] A1
[51] **Int.Cl. 7A23G 9/00**
[25] EN
[54] **FROZEN AERATED PRODUCT**
[54] **PRODUIT CONGELE AERE**
[72] WIX, LOYD, GB
[72] MALONE, MARK EMMETT, GB
[72] UNDERDOWN, JEFFREY, GB
[71] WIX, LOYD, GB
[71] MALONE, MARK EMMETT, GB
[71] UNDERDOWN, JEFFREY, GB
[22] 2004-02-12
[41] 2004-08-18
[30] GB (03250976.2) 2003-02-18
[30] GB (03014060.2) 2003-06-23

[21] **2,457,596**
[13] A1
[51] **Int.Cl. 7F04B 47/06 7E21B 43/01 7F04B 17/03 7F04D 13/08**
[25] EN
[54] **TENSION THRUST ESPCP SYSTEM**
[54] **SYSTEME DE POMPE SUBMERSIBLE ELECTRIQUE A ROTOR HELICOIDAL EXCENTRE A POUSSEE AXIALE**
[72] PROCTOR, BRUCE ERWIN, US
[71] BAKER HUGHES INCORPORATED, US
[22] 2004-02-13
[41] 2004-08-19
[30] US (10/369,149) 2003-02-19

[21] **2,457,600**
[13] A1
[51] **Int.Cl. 7F01M 11/03 7B01D 27/06 7F16N 39/06**
[25] EN
[54] **OIL FILTER CARTRIDGE**
[54] **CARTOUCHE FILTRANTE A HUILE**
[72] SMITH, ELLIS JUNIOR, US
[71] DEERE & COMPANY, US
[22] 2004-02-12
[41] 2004-08-21
[30] US (10/372,602) 2003-02-21

[21] **2,457,602**
[13] A1
[51] **Int.Cl. 7G06F 7/00 7H04N 7/52**
[25] EN
[54] **METHOD OF SYNCHRONIZING STREAMS OF REAL TIME DATA**
[54] **METHODE DE SYNCHRONISATION DE FLUX DE DONNEES EN TEMPS REEL**
[72] MURPHY, NOEL, CA
[72] DOYLE, ERIC, CA
[72] DOYLE, CATHERINE, CA
[72] MCMILLAN, MICHAEL, CA
[71] IMPATICA INC., CA
[22] 2004-02-13
[41] 2004-08-19
[30] US (60/447,743) 2003-02-19

[21] **2,457,625**
[13] A1
[51] **Int.Cl. 7B27N 3/08**
[25] EN
[54] **METHOD OF FORMING A COMPRESSED COMPOSITE PRODUCT**
[54] **METHODE DE FORMATION D'UN PRODUIT COMPOSITE COMPRIME**
[72] KOTT, NORBERT, CA
[71] WEYERHAEUSER COMPANY, US
[22] 2004-02-10
[41] 2004-08-18
[30] US (10/368,961) 2003-02-18

[21] **2,457,627**
[13] A1
[51] **Int.Cl. 7B27N 3/08**
[25] EN
[54] **A COMPRESSED COMPOSITE PRODUCT FORMATION AND TRANSPORT METHOD**
[54] **METHODE DE FORMATION ET DE TRANSPORT D'UN PRODUIT COMPOSITE COMPRIME**
[72] KOTT, NORBERT, CA
[71] WEYERHAEUSER COMPANY, US
[22] 2004-02-10
[41] 2004-08-18
[30] US (10/368,950) 2003-02-18

[21] **2,457,648**
[13] A1
[51] **Int.Cl. 7E21B 10/08**
[25] EN
[54] **DRILL BIT CUTTER ELEMENT HAVING MULTIPLE CUSPS**
[54] **ELEMENT DE COUPE DE TREPAN COMPRENANT PLUSIEURS POINTES**
[72] YONG, ZHOU, US
[72] SHOTTON, VINCENT W., US
[72] MCDONOUGH, SCOTT, US
[71] SMITH INTERNATIONAL, INC., US
[22] 2004-02-13
[41] 2004-08-21
[30] US (10/371,388) 2003-02-21

[21] **2,457,649**
[13] A1
[51] **Int.Cl. 7B01D 17/028 7C02F 1/40**
[25] EN
[54] **WATER CLARIFICATION SYSTEM**
[54] **SYSTEME DE CLARIFICATION DE L'EAU**
[72] THACKER, KRIS ODELL, US
[72] VANHOOSE, BILL RUSSELL, US
[72] MONTGOMERY, HOWARD LEANDER, US
[72] ATCHISON, OWEN MICHAEL, US
[71] HANCOR, INC., US
[22] 2004-02-13
[41] 2004-08-19
[30] US (60/448,326) 2003-02-19
[30] US (10/614,156) 2003-07-07

[21] **2,457,650**
[13] A1
[51] **Int.Cl. 7E21B 47/06 7E21B 49/08**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING DOWNHOLE PRESSURES DURING A DRILLING OPERATION**
[54] **METHODE ET APPAREIL POUR DETERMINER LES PRESSIONS D'UN PUITS PENDANT UN FORAGE**
[72] HOEFEL, ALBERT, US
[72] CIGLENEC, REINHART, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2004-02-12
[41] 2004-08-18
[30] US (10/248,782) 2003-02-18

[21] **2,457,679**
[13] A1
[51] **Int.Cl. 7A61M 16/10**
[25] EN
[54] **METERED ADMINISTRATION OF A THERAPEUTIC GAS**
[54] **ADMINISTRATION DOSEE D'UN GAZ THERAPEUTIQUE**
[72] KREBS, CHRISTIAN, AT
[71] INO THERAPEUTICS GMBH, AT
[22] 2004-02-13
[41] 2004-08-18
[30] DE (103 06 766.3) 2003-02-18

[21] **2,457,709**
[13] A1
[51] **Int.Cl. 7B62B 9/20 7B62B 7/06 7B62B 9/12**
[25] EN
[54] **BABY CARRIAGE COMPRISING PUSH ARMS FITTED WITH ROTATING HANDLES, AND CORRESPONDING HANDLE**
[54] **LANDAU DE BEBE COMPRENANT DES BRAS DE POUSSEE DUNIS DE POIGNEES ROTATIVES ET POIGNEE CORRESPONDANTE**
[72] ZWEIDECK, BRUNO, FR
[71] AMPAFRANCE, FR
[22] 2004-02-16
[41] 2004-08-17
[30] FR (03 01908) 2003-02-17

[21] **2,457,724**
[13] A1
[51] **Int.Cl. 7G01M 1/32 7G01M 1/28**
[25] EN
[54] **WHEEL BALANCER WITH CONTINUOUS STATIC IMBALANCE DISPLAY**
[54] **EQUILIBREUSE DE ROUES AVEC AFFICHAGE CONTINU DU BALOURD STATIQUE**
[72] CUNNINGHAM, CHARLES L., US
[72] BUZZI, CARLO, IT
[71] CUNNINGHAM, CHARLES L., US
[71] BUZZI, CARLO, IT
[22] 2004-02-16
[41] 2004-08-18
[30] US (60/448,162) 2003-02-18
[30] US (UNKNOWN) 2004-02-03

[21] **2,457,729**
[13] A1
[51] **Int.Cl. 7B63H 25/22 7B63H 25/02**
[25] EN
[54] **OUTBOARD MOTOR STEERING SYSTEM**
[54] **SYSTEME DE DIRECTION DE MOTEUR HORS-BORD**
[72] MIZUGUCHI, HIROSHI, JP
[72] TAKADA, HIDEAKI, JP
[72] OTOBE, TAICHI, JP
[72] MASUBUCHI, YOSHINORI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-02-16
[41] 2004-08-19
[30] JP (JP2003-040833) 2003-02-19
[30] JP (JP2003-040834) 2003-02-19
[30] JP (JP2003-040836) 2003-02-19

[21] **2,457,733**
[13] A1
[51] **Int.Cl. 7B63H 25/22 7B63H 25/02 7B63H 25/52**
[25] EN
[54] **OUTBOARD MOTOR STEERING SYSTEM**
[54] **SYSTEME DE DIRECTION DE MOTEUR HORS-BORD**
[72] MIZUGUCHI, HIROSHI, JP
[72] TAKADA, HIDEAKI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-02-16
[41] 2004-08-19
[30] JP (JP2003-040835) 2003-02-19

[21] **2,457,739**
[13] A1
[51] **Int.Cl. 7A21D 8/02 7A21D 8/00 7A21D 10/00**
[25] EN
[54] **METHOD FOR MAKING BREADS**
[54] **METHODE DE PANIFICATION**
[72] HOSOYA, SEIO, JP
[72] YAMADA, YUJI, JP
[71] YAMAZAKI SEIPAN KABUSHIKI KAISHA, JP
[22] 2004-02-16
[41] 2004-08-17
[30] JP (37637/2003) 2003-02-17
[30] JP (280034/2003) 2003-07-25

[21] **2,457,782**
[13] A1
[51] **Int.Cl. 7E05F 15/18 7G05B 19/042**
[25] EN
[54] **AUTOMATIC GATE OPERATOR**
[54] **DISPOSITIF DE FERMETURE DE BARRIERE AUTOMATIQUE**
[72] ROBB, ERIC, US
[72] KUKULSKI, EDWARD, US
[72] HILL, RICHARD, US
[72] GIOIA, WILLIAM, US
[71] THE CHAMBERLAIN GROUP, INC., US
[22] 2004-02-16
[41] 2004-08-18
[30] US (10/368,134) 2003-02-18

[21] **2,457,786**
[13] A1
[51] **Int.Cl. 7B62D 25/08 7B60R 19/00**
[25] EN
[54] **FRONT END COMPONENTS FOR A SADDLE-TYPE VEHICLE**
[54] **COMPOSANTS DE TRAIN AVANT DE VEHICULE A SELLETTE**
[72] KARUBE, SHINICHI, JP
[72] KAITA, KIHOKO, JP
[72] NAKANO, NOBUHIKO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2004-02-16
[41] 2004-08-17
[30] JP (2003-038800) 2003-02-17
[30] JP (2003-038801) 2003-02-17
[30] JP (2003-038802) 2003-02-17

[21] **2,457,788**
[13] A1
[51] **Int.Cl. 7E04F 15/00 7B32B 29/04 7D06N 7/06 7E04C 2/24 7D21H 21/36**
[25] EN
[54] **LAMINATE FLOORING PLANKS INCORPORATING ANTIMICROBIAL AGENTS**
[54] **PLANCHES DE REVETEMENT DE SOL STRATIFIE INCORPORANT DES AGENTS ANTIMICROBIENS**
[72] HAFFNER, CURT R., US
[72] STOLARSKI, VICTORIA LYNN, US
[72] KREBS, ROBERT R., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2004-02-16
[41] 2004-08-19
[30] US (60/447,712) 2003-02-19
[30] US (10/773,859) 2004-02-06

[21] **2,457,793**
[13] A1
[51] **Int.Cl. 7F16L 3/13 7B60R 16/08 7F16L 3/22**
[25] EN
[54] **A RETAINING MEMBER**
[54] **ELEMENT DE RETENUE**
[72] BAUER, CHRISTIAN, DE
[71] ITW AUTOMOTIVE PRODUCTS GMBH & CO. KG, DE
[22] 2004-02-16
[41] 2004-08-18
[30] DE (103 06 905.4) 2003-02- .8

[21] **2,457,820**
[13] A1
[51] **Int.Cl. 7D21C 9/16**
[25] EN
[54] **METHOD FOR HYDROGEN PEROXIDE BLEACHING OF PULP**
[54] **METHODE DE BLANCHIMENT AU PEROXYDE D'HYDROGENE DE LA PATE A PAPIER**
[72] PAN, GEORGE, CA
[71] ALBERTA RESEARCH COUNCIL INC., CA
[22] 2004-02-17
[41] 2004-08-21
[30] US (10/369,688) 2003-02-21

[21] **2,457,831**
[13] A1
[51] **Int.Cl. 7B32B 7/12 7B32B 5/04 7B32B 3/10 7G09F 3/10**
[25] EN
[54] **FILM ELEMENT**
[54] **ELEMENT PELLICULAIRE**
[72] MOOSHEIMER, ULRICH, DE
[71] SCHREINER GROUP GMBH & CO KG, DE
[22] 2004-02-17
[41] 2004-08-20
[30] DE (10307250.0) 2003-02-20

[21] **2,457,896**
[13] A1
[51] **Int.Cl. 7A47J 27/16**
[25] EN
[54] **STEAM SHRIMP COOKER**
[54] **CUISEUR DE CREVETTES A VAPEUR**
[72] LEDET, BRENT A., US
[72] BAILEY, KYLE C., US
[72] GRISBAUM, DANIEL W., US
[72] MCDONOUGH, DARREN P., US
[72] GREMILLION, KEVIN L., US
[72] MANGER, CHRISTOPHER L., US
[71] LATTRAM, L.L.C., US
[22] 2004-02-16
[41] 2004-08-17
[30] US (10/248,776) 2003-02-17

[21] **2,457,929**
[13] A1
[51] **Int.Cl. 7H01H 36/00**
[25] EN
[54] **INTELLIGENT LINE SWITCH**
[54] **COMMUTATEUR DE LIGNE INTELLIGENT**
[72] WEI, JUNG T., TW
[71] WEI, JUNG T., TW
[22] 2004-02-11
[41] 2004-08-21
[30] CN (03105468) 2003-02-21

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[21] **2,457,971**
[13] A1
[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **CIRCULATING SWITCH**
[54] **COMMUTATEUR DE CIRCULATION**
[72] BESHAI, MAGED E., CA
[71] NORTEL NETWORKS LIMITED, CA
[22] 2004-02-18
[41] 2004-08-20
[30] US (60/448,639) 2003-02-20

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[21] **2,457,972**
[13] A1
[51] **Int.Cl. 7B66F 9/08 7B66F 11/00**
[25] EN
[54] **BOOM**
[54] **FLECHE**
[72] GELB, HERBERT, DE
[71] DEERE & COMPANY, US
[22] 2004-02-19
[41] 2004-08-21
[30] DE (103 07 689.1) 2003-02-21

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[21] **2,457,980**
[13] A1
[51] **Int.Cl. 7F15B 11/024 7F15B 11/12 7B66F 9/22**
[25] EN
[54] **HYDRAULIC CONTROL CIRCUIT FOR A HYDRAULIC LIFTING CYLINDER**
[54] **CIRCUIT DE COMMANDE HYDRAULIQUE POUR VERIN DE LEVAGE HYDRAULIQUE**
[72] SCHLEMMER, STEFFEN, US
[72] PRICE, DAVID, GB
[72] BITTER, MARCUS, DE
[72] ONNEN, MARLIN, US
[71] DEERE & COMPANY, US
[22] 2004-02-19
[41] 2004-08-21
[30] DE (103 07 346.9) 2003-02-21

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[21] **2,457,987**
[13] A1
[51] **Int.Cl. 7G01N 33/00**
[25] EN
[54] **DISPOSABLE ABSORBENT ARTICLE EMPLOYING AN ABSORBENT COMPOSITE AND METHOD OF MAKING THE SAME**
[54] **ARTICLE ABSORBANT JETABLE CONSTITUE D'UN MATERIAU COMPOSITE ABSORBANT ET METHODE DE FABRICATION DUDIT ARTICLE**
[72] TRUEX, BRYAN L., US
[72] MIHAYLOV, GUEORGUI MILEV, US
[72] KIROLLOS, KIROLLOS S., US
[71] MICROTEQ LLC, US
[22] 2004-02-18
[41] 2004-08-18
[30] US (60/448,437) 2003-02-18

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[21] **2,457,992**
[13] A1
[51] **Int.Cl. 7G06N 3/02 7G06F 19/00 7G01G 9/00 7G01G 19/00**
[25] EN
[54] **METHOD OF INFERRING ROTORCRAFT GROSS WEIGHT**
[54] **METHODE DE DETERMINATION DE LA MASSE BRUTE D'UN AERONEF A VOILURE TOURNANTE**
[72] NOBLE, BARBARA, US
[72] HESS, ROBERT ALAN, US
[72] FLYNN, TIMOTHY D., US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2004-02-18
[41] 2004-08-21
[30] US (60/449,182) 2003-02-21
[30] US (60/453,113) 2003-03-07
[30] US (10/631,934) 2003-07-31

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[13] A1
[51] **Int.Cl. 7A61K 35/78 7A61P 7/02 7A61P 25/28 7A61K 31/70**
[25] EN
[54] **MEDICINAL PREPARATION CONTAINING PHENYLETHANOID GLYCOSIDES EXTRACTED FROM HERBACEOUS PLANT, CISTANCHE TUBULOSA (SCHENK.) WIGHT, PROCESS OF MAKING THE SAME, AND USES OF THE SAME**
[54] **PREPARATION MEDICINALE CONTENANT DES GLYCOSIDES DE PHENYLETHANOL EXTRAITS D'UNE PLANTE HERBACEE, CISTANCHE TUBULOSA (SCHENK.) WIGHT, PROCEDE DE FABRICATION DE LADITE PREPARATION ET UTILISATION DE CELLE-CI**
[72] TU, PENGFEI, CN
[72] LEI, LI, CN
[72] SONG, ZHIHONG, CN
[71] SINPHAR PHARMACEUTICAL CO., LTD., TW
[22] 2004-02-17
[41] 2004-08-18
[30] TW (92103351) 2003-02-18

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[21] **2,457,997**
[13] A1
[51] **Int.Cl. 7B65B 11/00**
[25] EN
[54] **STRETCH WRAP THREADING DEVICE**
[54] **ENFILEUR DE FILM ETIRABLE**
[72] COUSINS, NEIL G., CA
[72] RADOVANOVIC, BORIS, CA
[72] DAVIDOVIC, SRBISLAV, CA
[71] COUSINS PACKAGING INC., CA
[22] 2004-02-18
[41] 2004-08-18
[30] US (60/448,215) 2003-02-18

[21] **2,458,013**
[13] A1
[51] **Int.Cl. 7G09B 25/08 7H05B 33/04**
[25] EN
[54] **ARTIFICIAL MINIATURE LANDSCAPE MODEL WITH THREE DIMENSIONALLY VARIABLE COLORED LEDS**
[54] **MODELE MINIATURE DE PAYSAGE ARTIFICIEL AVEC DEL A COULEURS CHANGEANTES EN TROIS DIMENSIONS**
[72] CHUANG, HSIEN-TSUNG, CA
[71] CHUANG, HSIEN-TSUNG, CA
[22] 2004-02-17
[41] 2004-08-19
[30] TW (0922 02615) 2003-02-19
[30] TW (0922 20839) 2003-11-25
[30] CN (2003 201244068) 2003-11-28

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[21] **2,458,016**
[13] A1
[51] **Int.Cl. 7A61K 31/05 7A01N 31/04 7A61P 31/04 7A01N 31/08 7A47K 10/16 7A61K 9/70**
[25] EN
[54] **PAPER PRODUCT WITH DISINFECTING PROPERTIES**
[54] **ARTICLE EN PAPIER AVEC PROPRIETES DESINFECTANTES**
[72] BUDER, PHILIP, CA
[71] SCOTT PAPER LIMITED, CA
[22] 2004-02-19
[41] 2004-08-19
[30] US (10/367919) 2003-02-19

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[21] **2,458,022**
[13] A1
[51] **Int.Cl. 7B67D 5/32**
[25] EN
[54] **SAFTEY SWITCH FOR A WATER DISPENSER**
[54] **COMMANDE DE SECURITE POUR DISTRIBUTEUR D'EAU**
[72] ZHENG, FANG-ZHEN, CN
[71] GD MIDEA HOLDING CO., LTD., CN
[22] 2004-02-19
[41] 2004-08-20
[30] CN (03 2 23679.4) 2003-02-20

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[21] **2,458,024**
[13] A1
[51] **Int.Cl. 7C07D 277/72**
[25] EN
[54] **A PROCESS FOR PREPARING STORAGE-STABLE BENZOTHIAZOLYL SULFENAMIDES**
[54] **METHODE DE PREPARATION DE SULFENAMIDES DE BENZOTHIAZOLYLE STABLES AU STOCKAGE**
[72] SLUYTS, DOMIEN, BE
[72] FELIX, LEON, BE
[72] MISSIAEN, PATRICK, BE
[72] GRABOWSKI, STEFAN, DE
[72] PREUSS, REINHARD, BE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2004-02-17
[41] 2004-08-20
[30] DE (10307138.5) 2003-02-20

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[21] **2,458,051**
[13] A1
[51] **Int.Cl. 7B25G 1/01 7B25C 5/00**
[25] EN
[54] **MANUAL PERCUSSION OR VIBRATION TOOL WITH TOOL HANDLE**
[54] **OUTIL MANUEL A PERCUSSION OU A VIBRATIONS AVEC POIGNEE**
[72] VETTORETTI, ALAIN, FR
[72] SIMONIN, JEAN-LUC, FR
[71] SOCIETE DE PROSPECTION ET D'INVENTIONS TECHNIQUES SPIT, FR
[22] 2004-02-19
[41] 2004-08-20
[30] FR (03 02092) 2003-02-20

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[21] **2,458,052**
[13] A1
[51] **Int.Cl. 7E02D 29/02**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONNECTING REINFORCING MESH TO WALL PANELS**
[54] **SYSTEMES ET METHODES DE RACCORDEMENT DE GRILLAGE DE RENFORT A DES PANNEAUX MURAUX**
[72] RUEL, STEVEN V., US
[71] SSL, LLC, US
[22] 2004-02-19
[41] 2004-08-19
[30] US (10/370,637) 2003-02-19
[30] US (10/781,967) 2004-02-18

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[21] **2,458,053**
[13] A1
[51] **Int.Cl. 7A61N 7/00**
[25] EN
[54] **EXTERNALLY-APPLIED HIGH INTENSITY FOCUSED ULTRASOUND (HIFU) FOR THERAPEUTIC TREATMENT**
[54] **ULTRASONS FOCALISES A HAUTE INTENSITE A APPLICATION EXTERNE AUX FINS DE TRAITEMENT THERAPEUTIQUE**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER, INC., US
[22] 2004-02-19
[41] 2004-08-19
[30] US (10/370,381) 2003-02-19

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[21] **2,458,058**
[13] A1
[51] **Int.Cl. 7E06B 9/264 7E06B 9/32**
[25] EN
[54] **MAGNETIC TILT AND RAISE/LOWER MECHANISMS FOR A VENETIAN BLIND**
[54] **MECANISMES MAGNETIQUES D'INCLINAISON ET D'ELEVATION/ABAISSEMENT POUR STORE VENITIEN**
[72] BERGER, DAVID BARRY, CA
[71] SPECIALTY BUILDING PRODUCTS LTD., CA
[22] 2004-02-19
[41] 2004-08-19
[30] US (60/447,688) 2003-02-19
[30] US (60/466,057) 2003-04-28

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[21] **2,458,059**
[13] A1
[51] **Int.Cl. 7A61B 17/22 7A61N 7/00**
[25] EN
[54] **EXTERNALLY-APPLIED HIGH INTENSITY FOCUSED ULTRASOUND (HIFU) FOR PULMONARY VEIN ISOLATION**
[54] **APPLICATION EXTERNE D'ULTRASONS FOCALISES DE HAUTE INTENSITE (HIFU) POUR L'ISOLATION DES VEINES PULMONAIRES**
[72] GOVARI, ASSAF, IL
[72] SCHWARTZ, YITZHACK, IL
[71] BIOSENSE WEBSTER, INC., US
[22] 2004-02-19
[41] 2004-08-19
[30] US (10/370,134) 2003-02-19

[21] **2,458,062**
[13] A1
[51] **Int.Cl. 7C03C 25/26 7D06N 5/00 7B32B 17/04**
[25] EN
[54] **WATER REPELLANT FIDERGLASS BINDER**
[54] **LIANT HYDROFUGE A FIBRES DE VERRE**
[72] TAYLOR, THOMAS J., US
[72] MIELE, PHILIP FRANCIS, US
[72] WANG, LANCE, US
[71] JOHNS MANVILLE INTERNATIONAL, INC., US
[22] 2004-02-19
[41] 2004-08-20
[30] US (10/370,982) 2003-02-20

[21] **2,458,063**
[13] A1
[51] **Int.Cl. 7E03D 1/30**
[25] EN
[54] **TOILET FLUSHERS WITH MODULAR DESIGN**
[54] **CHASSES D'EAU MODULAIRES**
[72] PARSONS, NATAN E., US
[72] BRAGG, JOHN F., US
[72] GULER, FAITH, US
[72] CATTAFE, MICHAEL D., US
[72] MARCICHOW, MARTIN E., US
[72] HERBERT, KAY, US
[71] ARICHELL TECHNOLOGIES, INC., US
[71] SLOAN VALVE COMPANY, US
[22] 2004-02-19
[41] 2004-08-20
[30] US (60/448995) 2003-02-20

[21] **2,458,071**
[13] A1
[51] **Int.Cl. 7B27M 3/00 7B32B 21/13**
[25] EN
[54] **WOODEN BRICK**
[54] **BRIQUE DE BOIS**
[72] RYAN, MARVIN, CA
[71] MCRYAN ENGINEERED WOOD PRODUCTS LTD., CA
[22] 2004-02-20
[41] 2004-08-21
[30] US (60/448,455) 2003-02-21

[21] **2,458,095**
[13] A1
[51] **Int.Cl. 7E03C 1/04 7F16K 35/04 7F16K 11/078 7F16K 31/60**
[25] EN
[54] **SINGLE-CONTROL MIXER TAP WITH IMPROVED FLOW ADJUSTMENT**
[54] **MITIGEUR MONOCOMMANDE AVEC REGLAGE DU DEBIT AMELIORE**
[72] PIZZI, UGO, IT
[71] PIZZI, UGO, IT
[22] 2004-02-19
[41] 2004-08-20
[30] IT (MI2003A000305) 2003-02-20

[21] **2,458,103**
[13] A1
[51] **Int.Cl. 7E04G 21/00 7E02D 27/50**
[25] EN
[54] **POST CONSTRUCTION ALIGNMENT AND ANCHORING SYSTEM AND METHOD FOR BUILDINGS**
[54] **SYSTEME ET METHODE D'ALIGNEMENT ET D'ANCRAGE DE POST-CONSTRUCTION POUR BATIMENTS**
[72] BACON, CHRISTOPHER WAYNE, US
[72] PHARR, ROBERT KENT, US
[72] GREGORY, STEVEN D., US
[71] GREGORY ENTERPRISES, INC., US
[22] 2004-02-19
[41] 2004-08-20
[30] US (10/370,848) 2003-02-20

[21] **2,458,106**
[13] A1
[51] **Int.Cl. 7B60D 1/06 7B60D 1/07**
[25] EN
[54] **DISPLACABLE BALL HITCH ASSEMBLY AND METHOD FOR THE SAME**
[54] **ROTULE ET METHODE D'ATTELAGE MOBILE**
[72] COLIBERT, FLOYD A. (DECEASED), US
[72] COLIBERT, GREGORY J., US
[71] COLIBERT ENTERPRISES, US
[22] 2004-02-19
[41] 2004-08-19
[30] US (60/448,962) 2003-02-19
[30] US (10/782,707) 2004-02-18

[21] **2,458,107**
[13] A1
[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **FRICTION REDUCING AGENT FOR LOADING A SELF-EXPANDING STENT**
[54] **REDUCTEUR DE FROTTEMENTS POUR POSE D'UNE ENDOPROTHESE AUTO-EXPANSIBLE**
[72] WIDENHOUSE, WILLIAM, US
[72] PARKER, JONATHAN GEORGE, US
[72] JACKSON, KAREN PAULETTE, US
[71] CORDIS CORPORATION, US
[22] 2004-02-20
[41] 2004-08-20
[30] US (10/370,667) 2003-02-20

[21] **2,458,108**
[13] A1
[51] **Int.Cl. 7A47G 27/04 7D06C 3/00**
[25] EN
[54] **CARPET STRETCHER, CONTROL APPARATUS FOR THE CARPET STRETCHER, AND KNEE-PROTECTING MEMBER FOR THE CARPET STRETCHER**
[54] **TENDEUR DE TAPIS AVEC DISPOSITIF DE COMMANDE ET PROTEGE-GENOU**
[72] DALEY, SHAWN BRUCE JOSEPH, CA
[72] HAN, DONG HYUN, KR
[72] HWANG, MYUNG WON, KR
[71] KORDIANTOOLS CO., LTD., KR
[22] 2004-02-20
[41] 2004-08-20
[30] KR (2003-10719) 2003-02-20

[21] **2,458,113**
[13] A1
[51] **Int.Cl. 7G06F 17/40 7G01D 21/00 7G06F 3/05**
[25] EN
[54] **MEASUREMENT UNIT**
[54] **APPAREIL DE MESURE**
[72] PETERS, MICHAEL, DE
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2004-02-19
[41] 2004-08-19
[30] DE (103 07 118.0) 2003-02-19
[30] CH (2003 0386/03) 2003-03-12

[21] **2,458,120**
[13] A1
[51] **Int.Cl. 7C08C 19/22 7B60C 1/00 7C08L 15/00 7C08J 3/24**
[25] EN
[54] **CROSSLINKED RUBBER PARTICLES MODIFIED BY AMINO(METH)ACRYLATE GROUPS**
[54] **PARTICULES DE CAOUTCHOUC VULCANISE MODIFIEES PAR DES GROUPES AMINO(METH)ACRYLATE**
[72] JESKE, WINFRIED, DE
[72] KOEHLER, BURKHARD, DE
[72] OBRECHT, WERNER, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2004-02-17
[41] 2004-08-20
[30] DE (10307139.3) 2003-02-20

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[21] **2,458,125**
[13] A1
[51] **Int.Cl. 7C08L 9/02 7C08J 5/00 7C08J 5/12 7C08J 3/24**
[25] EN
[54] **HYDROGENATED NITRILE BUTADIENE RUBBER**
[54] **CAOUTCHOUC NITRILE-BUTADIENE HYDROGENE**
[72] ACHTEN, DIRK, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2004-02-17
[41] 2004-08-20
[30] DE (10307137.7) 2003-02-20

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[21] **2,458,128**
[13] A1
[51] **Int.Cl. 7A61J 1/10 7G01N 1/10 7A61B 5/15**
[25] EN
[54] **A BAG SYSTEM COMPRISING A MEANS OF ASSOCIATING SAMPLING RECEPTACLES**
[54] **SYSTEME A SACS PERMETTANT D'ASSOCIER DES CONTENANTS DE PRELEVEMENT**
[72] VERPOORT, THIERRY, FR
[72] GOUDALIEZ, FRANCIS, FR
[72] DEMAY, SYLVIE, FR
[71] MACO PHARMA, FR
[22] 2004-02-17
[41] 2004-08-19
[30] FR (03 02034) 2003-02-19

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[21] **2,458,133**
[13] A1
[51] **Int.Cl. 7G01N 30/56 7G01N 30/02**
[25] EN
[54] **PACKINGS FOR LIQUID CHROMATOGRAPHY, PROCESS FOR PREPARING AND USAGE**
[54] **GARNISSAGES DE COLONNE DE CHROMATOGRAPHIE LIQUIDE, METHODE DE PREPARATION ET UTILISATION CONNEXES**
[72] URANO, TAKESHI, JP
[71] DAISO CO., LTD., JP
[22] 2004-02-17
[41] 2004-08-18
[30] JP (2003-039244) 2003-02-18

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[21] **2,458,134**
[13] A1
[51] **Int.Cl. 7H01L 29/43 7H01L 29/41**
[25] EN
[54] **NITRIDE SEMICONDUCTOR DEVICE**
[54] **DISPOSITIF A SEMI-CONDUCTEURS A BASE DE NITRURE**
[72] YONEDA, AKINORI, JP
[72] SUGIMOTO, YASUNOBU, JP
[71] NICHIA CORPORATION, JP
[22] 2004-02-19
[41] 2004-08-19
[30] JP (2003-41060) 2003-02-19

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[21] **2,458,136**
[13] A1
[51] **Int.Cl. 7B65D 30/08 7B65B 43/04 7B65B 51/10 7B65D 30/14 7B32B 27/28 7B65D 65/40**
[25] EN
[54] **HEAT-SHRINKABLE PACKAGING**
[54] **EMBALLAGE THERMORETRACTABLE**
[72] SCHELL, THOMAS ANDREW, US
[72] POCKAT, GREGORY ROBERT, US
[72] BUSCHE, DAVID A., US
[71] CURWOOD, INC., US
[22] 2004-02-19
[41] 2004-08-20
[30] US (10/371,950) 2003-02-20
[30] US (10/645,186) 2003-08-21

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[21] **2,458,139**
[13] A1
[51] **Int.Cl. 7H01M 8/24 7H01M 8/04**
[25] EN
[54] **POLYMER ELECTROLYTE FUEL CELL**
[54] **PILE A COMBUSTIBLE A ELECTROLYTE POLYMERE**
[72] TAKEGUCHI, SHINSUKE, JP
[72] SHIBATA, SOICHI, JP
[72] KOBAYASHI, SUSUMU, JP
[72] HATOH, KAZUHITO, JP
[72] OHARA, HIDEO, JP
[72] MATSUMOTO, TOSHIHIRO, JP
[72] KUSAKABE, HIROKI, JP
[72] KOKAWA, KATSUZOU, JP
[72] TOMIZAWA, TAKESHI, JP
[72] KANBARA, TERUHISA, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 2004-02-19
[41] 2004-08-20
[30] JP (2003-043004) 2003-02-20
[30] JP (2003-108880) 2003-04-14

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[21] **2,458,144**
[13] A1
[51] **Int.Cl. 7E21B 43/08 7E21B 43/12**
[25] EN
[54] **SCREEN ASSEMBLY WITH FLOW THROUGH CONNECTORS**
[54] **ENSEMBLE DE GRILLAGES AVEC CONNECTEURS DE PASSAGE**
[72] BODE, JEFFREY, US
[72] FISHBECK, CRAIG, US
[72] DAILEY, TYSON L., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-02-17
[41] 2004-08-21
[30] US (10/372,631) 2003-02-21

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[21] **2,458,151**
[13] A1
[51] **Int.Cl. 7C03C 25/28 7C08L 61/06**
[25] EN
[54] **FATTY ACID CONTAINING FIBERGLASS BINDER**
[54] **LIANT POUR FIBRE DE VERRE CONTENANT UN ACIDE GRAS**
[72] TAYLOR, THOMAS J., US
[71] JOHNS MANVILLE INTERNATIONAL, INC., US
[22] 2004-02-19
[41] 2004-08-20
[30] US (10/370,983) 2003-02-20

[21] **2,458,153**
[13] A1
[51] **Int.Cl. 7B62D 49/08 7B62D 55/00 7A01D 46/28 7B60N 2/38**
[25] EN
[54] **PERSONAL ALL TERRAIN VEHICLE**
[54] **VEHICULE PERSONNEL TOUT TERRAIN**
[72] ROSSET, RENE RAYMOND, CA
[72] ENNES, JOHN LAURENCE, CA
[72] GRYWACHESKI, STANLEY LAWRENCE, CA
[71] TOLAINI, LOUIS, CA
[22] 2004-02-19
[41] 2004-08-19
[30] US (60/447,725) 2003-02-19

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[21] **2,458,166**
[13] A1
[51] **Int.Cl. 7B08B 6/00 7B03C 1/02 7A47L 13/40 7A47L 13/41**
[25] EN
[54] **MAGNET SWEEP**
[54] **MANCHE A AIMANT**
[72] PESTONE, WILLIAM J., US
[71] LEHIGH CONSUMER PRODUCTS CORPORATION, US
[22] 2004-02-20
[41] 2004-08-20
[30] US (60/448,751) 2003-02-20

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[21] **2,458,172**
[13] A1
[51] **Int.Cl. 7A61K 31/436 7A61F 2/00 7A61P 9/00 7A61L 31/04 7A61L 31/10 7A61L 31/16**
[25] EN
[54] **COATED MEDICAL DEVICES**
[54] **DISPOSITIFS MEDICAUX ENROBES**
[72] SCHEUBLE, THERESA, US
[72] ROTH, NOAH M., US
[72] RUSH, SCOTT LYLE, US
[71] CORDIS CORPORATION, US
[22] 2004-02-20
[41] 2004-08-20
[30] US (10/371,925) 2003-02-20

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[21] **2,458,173**
[13] A1
[51] **Int.Cl. 7B65D 85/20 7B65D 85/62**
[25] EN
[54] **APPARATUS AND METHOD FOR STORING OR SHIPPING ELONGATED MEMBERS**
[54] **DISPOSITIF ET METHODE D'ENTREPOSAGE ET D'EXPEDITION DE PIECES ALLONGEES**
[72] ERNST, HUGO A., AR
[72] DAPINO, GUILLERMO OSCAR, AR
[72] PACHAO-MORBITZER, NELSON MARIO, AR
[71] SIDERCA S.A.I.C., AR
[22] 2004-02-20
[41] 2004-08-20
[30] US (10/368,601) 2003-02-20

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[21] **2,458,185**
[13] A1
[51] **Int.Cl. 7G01L 1/24**
[25] EN
[54] **SIDE-HOLE CANE WAVEGUIDE SENSOR**
[54] **CAPTEUR DE GUIDE D'ONDES DE TIGE A ORIFICE LATERAL**
[72] KERSEY, ALAN D., US
[72] MAIDA, JOHN L., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-02-20
[41] 2004-08-21
[30] US (10/371,910) 2003-02-21

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[21] **2,458,186**
[13] A1
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **DIMENSION-BASED PARTITIONED CUBE**
[54] **CUBE PARTITIONNE EN FONCTION DES DIMENSIONS**
[72] POTTER, CHARLES MICHAEL, CA
[72] ZELENKA, JOSEPH, CA
[72] MOFFAT, DONALD, CA
[71] COGNOS INCORPORATED, CA
[22] 2004-02-20
[41] 2004-08-21
[30] CA (2,419,502) 2003-02-21

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[21] **2,458,192**
[13] A1
[51] **Int.Cl. 7H04L 12/28 7H04Q 7/20**
[25] EN
[54] **MULTI-HOP COMMUNICATION SYSTEM, RADIO CONTROL STATION, RADIO STATION AND MULTI-HOP COMMUNICATION METHOD**
[54] **SYSTEME DE COMMUNICATION A PLUSIEURS BONDS, STATION DE COMMANDE RADIO, STATION RADIO ET METHODE DE COMMUNICATION A PLUSIEURS BONDS**
[72] TAKEDA, SHINJI, JP
[72] FUJIWARA, ATSUSHI, JP
[72] YOSHINO, HITOSHI, JP
[72] OTSU, TORU, JP
[71] NTT DOCOMO, INC., JP
[22] 2004-02-20
[41] 2004-08-21
[30] JP (P 2003-044945) 2003-02-21

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[21] **2,458,196**
[13] A1
[51] **Int.Cl. 7B01D 29/39 7B01D 35/30 7G01N 1/34**
[25] EN
[54] **FILTER FOR MEDICAL AND LABORATORY USE, ESPECIALLY FOR BLOOD ANALYSIS AND THE LIKE**
[54] **FILTRE POUR USAGE MEDICAL OU UTILISATION EN LABORATOIRE, PARTICULIEREMENT POUR L'ANALYSE DE SANG ET D'AUTRES FINS SEMBLABLES**
[72] CHIGA, ANTONIO, FR
[71] FILTERTEK INC., US
[22] 2004-02-20
[41] 2004-08-21
[30] DE (DE 2003 02 819.8) 2003-02-21

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[21] **2,458,246**
[13] A1
[51] **Int.Cl. 7E21B 47/024 7G01V 3/26**
[25] EN
[54] **PASSIVE RANGING TECHNIQUES IN BOREHOLE SURVEYING**
[54] **TECHNIQUES DE TELEMETRIE PASSIVE EN PROSPECTION PAR TROU DE FORAGE**
[72] MCELHINNEY, GRAHAM, GB
[71] PATHFINDER ENERGY SERVICES, INC., US
[22] 2004-02-18
[41] 2004-08-18
[30] US (10/368,257) 2003-02-18

[21] **2,458,250**
[13] A1
[51] **Int.Cl. 7F21S 4/00 7F21V 21/00**
[25] EN
[54] **MASTER-SATELLITE RETROFIT ASSEMBLY AND METHOD OF RETROFITTING RECESSED LIGHT FIXTURES**
[54] **ENSEMBLE DE RATTRAPAGE MAITRE-SATELLITE ET METHODE DE RATTRAPAGE DE LUMINAIRES ENCASTRES**
[72] PLUNK, CARLTON B., US
[71] GENLYTE THOMAS GROUP LLC, US
[22] 2004-02-17
[41] 2004-08-21
[30] US (10/372,426) 2003-02-21

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[21] **2,458,254**
[13] A1
[51] **Int.Cl. 7E21B 47/024 7G01V 3/18**
[25] EN
[54] **DOWNHOLE REFERENCING TECHNIQUES IN BOREHOLE SURVEYING**
[54] **TECHNIQUES DE REFERENCE DE FOND DE TROU EN DIAGRAPHIE DE PUITS**
[72] MCELHINNEY, GRAHAM, GB
[71] PATHFINDER ENERGY SERVICES, INC., US
[22] 2004-02-18
[41] 2004-08-18
[30] US (10/369,353) 2003-02-18

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[21] **2,458,255**
[13] A1
[51] **Int.Cl. 7B62D 65/18 7B65G 49/00**
[25] EN
[54] **CONVEYANCE APPARATUS**
[54] **TRANSPORTEUR**
[72] SHIMOMURA, NOBORU, JP
[72] NII, TOSHIO, JP
[72] SAWADA, TOMOKI, JP
[72] MIYAKE, YASUHIRO, JP
[72] SHIBATA, KENICHI, JP
[71] DAIFUKU CO., LTD., JP
[22] 2004-02-18
[41] 2004-08-18
[30] JP (2003-039052) 2003-02-18

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[21] **2,458,298**
[13] A1
[51] **Int.Cl. 7A47B 87/02**
[25] EN
[54] **MODULAR FURNITURE**
[54] **MOBILIER MODULAIRE**
[72] WINKLESS, CHRISTINE, CA
[71] WINKLESS, CHRISTINE, CA
[22] 2004-02-23
[41] 2004-08-21
[30] US (10/369,666) 2003-02-21

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[21] **2,458,420**
[13] A1
[51] **Int.Cl. 7A62D 3/00 7C02F 3/00 7C12M 1/00 7C12S 13/00 7B09C 1/10**
[25] EN
[54] **XENOBIOTIC DEGRADATION IN A PARTITIONING BIOREACTOR IN WHICH THE PARTITIONING PHASE IS A POLYMER**
[54] **DEGRADATION XENOBIOTIQUE DANS UN BIOREACTEUR DE SEPARATION DANS LEQUEL LA PHASE DE SEPARATION EST UN POLYMER**
[72] DAUGULIS, ANDREW J., CA
[72] AMSDEN, BRIAN, CA
[71] DAUGULIS, ANDREW J., CA
[71] AMSDEN, BRIAN, CA
[22] 2004-02-18
[41] 2004-08-19
[30] US (10/367,822) 2003-02-19

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[21] **2,458,425**
[13] A1
[51] **Int.Cl. 7C03C 17/06 7C03C 21/00**
[25] EN
[54] **ANTIMICROBIAL GLASS AND GLASS-LIKE PRODUCTS AND METHOD OF PREPARING SAME**
[54] **PRODUITS ANTIMICROBIENS EN VERRE OU AYANT L'APPARENCE DU VERRE ET METHODE DE PREPARATION DE CEUX-CI**
[72] ALBACH, EBERHARD R., US
[71] GEMTRON CORPORATION, US
[22] 2004-02-18
[41] 2004-08-20
[30] US (10/368,591) 2003-02-20

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[21] **2,458,427**
[13] A1
[51] **Int.Cl. 7G10L 21/02 7G10K 11/16**
[25] EN
[54] **SYSTEM FOR SUPPRESSING WIND NOISE**
[54] **SUPPRESSEUR DE BRUIT DU VENT**
[72] HETHERINGTON, PHILLIP, CA
[72] LI, XUEMAN, CA
[72] ZAKARAUSKAS, PIERRE, CA
[71] HARMAN BECKER AUTOMOTIVE SYSTEMS - WAVEMAKERS, INC., CA
[22] 2004-02-18
[41] 2004-08-21
[30] US (60/449511) 2003-02-21
[30] US (10/410,736) 2003-04-10

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[21] **2,458,428**
[13] A1
[51] **Int.Cl. 7G10L 21/02 7G10K 11/16**
[25] EN
[54] **SYSTEM FOR SUPPRESSING WIND NOISE**
[54] **SUPPRESSEUR DE BRUIT DU VENT**
[72] LI, XUEMAN, CA
[72] HETHERINGTON, PHILLIP, CA
[72] ZAKARAUSKAS, PIERRE, CA
[71] HARMAN BECKER AUTOMOTIVE SYSTEMS - WAVEMAKERS, INC., CA
[22] 2004-02-18
[41] 2004-08-21
[30] US (60/449511) 2003-02-21
[30] US (10/410,736) 2003-04-10
[30] US (10/688802) 2003-10-16

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[21] **2,458,433**
[13] A1
[51] **Int.Cl. 7E21B 34/08**
[25] EN
[54] **BY-PASS VALVE MECHANISM AND METHOD OF USE HEREOF**
[54] **MECANISME DE SOUPAPE DE DERIVATION ET METHODE D'UTILISATION**
[72] BISSONNETTE, H. STEVEN, US
[72] RYDER, KEITH A., US
[72] MCKEE, L. MICHAEL, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2004-02-18
[41] 2004-08-19
[30] US (60/448,334) 2003-02-19
[30] US (USSN 10/772,616) 2004-02-05

Demandes canadiennes mises à la disponibilité du public
15 août 2004 au 21 août 2004

[21] **2,458,436**
[13] A1
[51] **Int.Cl. 7A61B 5/15 7A61H 7/00**
[25] EN
[54] **ENDCAP FOR LANCING DEVICE AND METHOD OF USE**
[54] **CAPUCHON POUR LANCETTE ET METHODE D'UTILISATION**
[72] KHEIRI, MOHAMMAD A., US
[71] BAYER HEALTHCARE LLC, US
[22] 2004-02-18
[41] 2004-08-19
[30] US (60/447,818) 2003-02-19

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[21] **2,458,437**
[13] A1
[51] **Int.Cl. 7G08C 13/00**
[25] EN
[54] **HIGH-SPEED ISOLATED PORT**
[54] **PORT ISOLE HAUTE VITESSE**
[72] RICHARDS, TIMOTHY, US
[72] VANDENBERG, DENNIS, US
[72] GILLILAND, DOUGLAS G., US
[71] ADC DSL SYSTEMS, INC., US
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[54] **DISPOSITIF DE PRISE DE COURANT A INTERRUPTION DE CIRCUIT ET A PROTECTION EN CAS D'INVERSION DE CABLAGE**
[72] LI, CHENGLI, CN
[72] HUANG, HUADAO, CN
[71] SHANGHAI MEIHAO ELECTRIC INC., CN
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[54] **BALE PROCESSOR WITH PRE-DISITEGRATOR**
[54] **DECOMPACTEUSE DE BALLES A PRE-DESINTEGRATION**
[72] LEPAGE, CHARLES, CA
[71] HIGHLINE MFG. INC., CA
[22] 2004-03-16
[41] 2004-08-15

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[54] **LOW-PRESSURE DISCHARGE LAMP**
[54] **LAMPE A DECHARGE A BASSE PRESSION**
[72] NOLL, THOMAS, DE
[72] HILSCHER, ACHIM, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
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[54] **SYSTEM AND METHOD FOR IMPROVING THE EFFICIENCY OF ROUTERS ON THE INTERNET AND/OR CELLULAR NETWORKS AND/OR OTHER NETWORKS AND ALLEVIATING BOTTLENECKS AND OVERLOADS ON THE NETWORK**
[54] **SYSTEME ET METHODE POUR AMELIORER L'EFFICACITE DES ROUTEURS SUR INTERNET ET/OU SUR LES RESEAUX CELLULAIRES ET/OU SUR D'AUTRES RESEAUX ET POUR REDUIRE LE CONGESTIONNEMENT ET LES SURCHARGES DE RESEAU**
[72] MAYER, YARON, IL
[72] BAUR, AI J. C., IL
[71] MAYER, YARON, IL
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[54] **SEAT FOR MOTOR VEHICLE**
[54] **SIEGE POUR VEHICULE MOTORISE**
[72] SWIFT, MICHEL, CA
[71] SWIFT, MICHEL, CA
[22] 2004-02-23
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[51] **Int.Cl. 7B65H 75/40**
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[54] **CORD ORGANIZER AND METHOD OF USING THE SAME**
[54] **DISPOSITIF D'ORGANISATION DE FILS ET METHODE D'UTILISATION**
[72] RICHARDSON, RONALD, CA
[71] RICHARDSON, RONALD, CA
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[51] **Int.Cl. 7A01G 9/12**
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[54] **PLANT SUPPORT ADAPTED FOR LIFTING AND CARRYING A PLANT CONTAINER**
[54] **SUPPORT POUR PLANTES ADAPTE AU LEVAGE ET AU TRANSPORT D'UN CONTENANT DE PLANTES**
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[71] VOOGT, ERIC EVERT, CA
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[54] **COMPREHENSIVE PERSONAL PERSPECTIVE DIGITAL CAMERA INCLUDING RECORDER**
[54] **CAMERA NUMERIQUE A PERSPECTIVE PERSONNELLE COMPLETE COMPRENANT UN ENREGISTREUR**
[72] MCCLURE, STEPHEN A., CA
[72] COWAN, PETER C., CA
[72] MACFARLANE, ROSS, CA
[71] MCCLURE, STEPHEN A., CA
[71] COWAN, PETER C., CA
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[25] EN
[54] **POLYENE POLYKETIDES, PROCESSES FOR THEIR PRODUCTION AND THEIR USE AS PHARMACEUTICALS**
[54] **POLYCETIDES POLYENIQUES, METHODES DE PRODUCTION CONNEXES ET UTILISATION DESDITS PRODUITS COMME AGENTS PHARMACEUTIQUES**
[72] MCALPINE, JAMES B., CA
[72] BACHMANN, BRIAN O., US
[72] ZAZOPOULOS, EMMANUEL, CA
[72] FARNET, CHRIS M., CA
[71] ECOPIA BIOSCIENCES INC., CA
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[54] **SEALS FOR FUEL CELLS AND FUEL CELL STACKS**
[54] **JOINTS POUR PILES A COMBUSTIBLE ET EMPILEMENTS DE PILES A COMBUSTIBLE**
[72] MAXSON, MYRON, US
[72] HERRING, RANDALL, US
[72] FRISCH, LAWRENCE, US
[71] DOW CORNING CORPORATION, US
[85] 2004-04-16
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[25] EN
[54] **ELECTRO-NERVE STIMULATOR SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE NEUROSTIMULATEUR ELECTRIQUE**
[72] VAN DEN BIGGELAAR, HANS, NL
[72] VAN AART, FRED, NL
[72] WILLIAMS, JEFFREY M., US
[72] VAN HELVOIRT, PIET (DECEASED), NL
[71] CYSTOMEDIX, INC., US
[85] 2004-04-15
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[54] **ULTRASOUND RANGING FOR LOCALIZATION OF IMAGING TRANSDUCER**
[54] **TELEMETRIE A ULTRASONS POUR LOCALISER L'IMAGERIE PAR TRANSDUCTEUR**
[72] WILLIS, N. PARKER, US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2004-05-10
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[87] 2004-06-13 (WO2004/054450)
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[54] **GENERATEUR DE DEBIT DE TRAINS DE BITS, A L'AIDE D'UN LOGICIEL EFFICACE, DESTINE A UN SERVEUR VIDEO**
[72] TAYLOR, CLEMENT G., US
[72] FREDERICKSON, JAMES, US
[71] TVGATEWAY, LLC, US
[85] 2004-02-24
[86] 2002-09-11 (PCT/US2002/028807)
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[54] **THREE-DIMENSIONAL STRUCTURE OF PROSTAGLANDIN D SYNTHASE AND UTILIZATION THEREOF**
[54] **STRUCTURE TRIDIMENSIONNELLE DE PROSTAGLANDINE SYNTHASE D ET SONT UTILISATION**
[72] MATSUMURA, HIROYOSHI, JP
[72] KUMASAKA, TAKASHI, JP
[72] MIYANO, MASASHI, JP
[72] IRIKURA, DAISUKE, JP
[72] YAMAMOTO, MASAKI, JP
[72] OKANO, YOUSUKE, JP
[72] KINUGASA, SHIGEHIRO, JP
[72] URADE, YOSHIHIRO, JP
[72] KAI, YASUSHI, JP
[72] INOUE, TSUYOSHI, JP
[72] HAYAISHI, OSAMU, JP
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
[71] RIKEN, JP
[71] OSAKA BIOSCIENCE INSTITUTE, JP
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[54] **MEDICAL DEVICE DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE DISPOSITIF MEDICAL**
[72] GARRISON, MIKE, US
[72] HOFFA, ANDREW K., US
[72] LEONARD, RAY II, US
[72] PAVCNIK, DUSAN, US
[72] FLAGLE, JACOB A., US
[72] DIXON, CHRISTOPHER G., US
[72] CASE, BRIAN C., US
[71] COOK INCORPORATED, US
[71] OREGON HEALTH AND SCIENCE UNIVERSITY, US
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[54] **HEAT EXCHANGER ASSEMBLY AND HEAT EXCHANGE MANIFOLD**
[54] **ENSEMBLE ECHANGEUR DE CHALEUR ET COLLECTEUR D'ECHANGEUR DE CHALEUR**
[72] LEE, JAE HYUK, KR
[71] ALMA TECHNOLOGY CO., LTD., KR
[85] 2004-07-21
[86] 2002-07-18 (PCT/IB2002/003701)
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[54] **SYSTEME DE COMMUNICATION ET PROCEDE DE TRANSFERT DE SESSION WEB DE DONNEES**
[72] GARDNER, MICHAEL ROBERT, GB
[72] SHAHI, ANUROOP, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2004-05-19
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[25] EN
[54] **COMPOUNDS AND USES THEREOF FOR DECREASING ACTIVITY OF HORMONE-SENSITIVE LIPASE**
[54] **COMPOSES RALENTISSANT L'ACTIVITE DE LA LIPASE HORMONO-SENSIBLE**
[72] CORNELIS DE JONG, JOHANNES, DK
[72] EBDRUP, SOREN, DK
[72] HANSEN, HOLGER CLAUS, DK
[72] JACOBSEN, POUL, DK
[72] VEDSO, PER, DK
[71] NOVO NORDISK A/S, DK
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[72] SINDING, PAUL, GB
[71] FULCRUM (MEDICAL DEVICES) LIMITED, GB
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[54] **REVERSE-MICELLAR DELIVERY SYSTEM FOR CONTROLLED TRANSPORTATION AND ENHANCED ABSORPTION OF AGENTS**
[54] **SYSTEME D'ADMINISTRATION MICELLAIRE INVERSE PERMETTANT UN TRANSPORT CONTROLE ET UNE ABSORPTION RENFORCEE D'AGENTS**
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[71] MACGREGOR, ALEXANDER, CA
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[54] **FABRIC ARTICLE TREATING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'ARTICLE EN TISSU**
[72] GERLACH, CHRISTIAN GERHARD FRIEDRICH, BE
[72] BARRON, BRADFORD SCOTT, BE
[72] DUVAL, DEAN LARRY, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **LIAISONS IN SITU**
[72] MILBOCKER, MICHAEL T., US
[71] PRAXIS LLC, US
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[25] EN
[54] **IMPROVED REMOVE TABS FOR TACKY INSERTS OF A FLOOR MAT**
[54] **MODELES AMELIORES D'ONGLET DE DECOLLAGE POUR VOYANTS ADHESIFS SUR UN TAPIS DE PLANCHER**
[72] KOKONASKI, WILLIAM, US
[72] BLUM, RONALD D., US
[72] GENTILUOMO, ANDREW, US
[72] JORDAN, ROBERT, US
[71] TECH MATS LLC, US
[71] S. C. JOHNSON & SON, INC., US
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[25] EN
[54] **HIGH PROTEIN, LOW CARBOHYDRATE DOUGH AND BREAD PRODUCTS, AND METHOD FOR MAKING SAME**
[54] **PATE ET PAIN A TENEUR ELEVEE EN PROTEINES ET A FAIBLE TENEUR EN GLUCIDES, ET LEUR PROCEDE DE PRODUCTION**
[72] ANFINSEN, JON ROBERT, US
[71] TECHCOM INTERNATIONAL INC., US
[85] 2004-06-11
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[54] **DISPOSITIF PRODUISANT DE L'OXYGENE POUR LE SOIN DES PLAIES**
[72] SRINIVASAN, SARANGAPANI, US
[71] OXYFAST CORPORATION, US
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[54] **INHIBITEURS DE L'INTEGRASE DU VIH**
[72] BANVILLE, JACQUES, CA
[72] WALKER, MICHAEL A., US
[72] REMILLARD, ROGER, CA
[72] PLAMONDON, SERGE, CA
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **PROCEDE PERMETTANT D'AFFECTER LA PROGRESSION NEUROLOGIQUE**
[72] MILLER, RICHARD A., US
[71] PHARMACYCLICS, INC., US
[85] 2004-06-14
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[87] 2003-06-19 (WO2003/049731)
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[54] **COMBINATION CANCER THERAPY**
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[72] FAN, QING, US
[71] PHARMACYCLICS, INC., US
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[54] **AUDIO DECODING APPARATUS AND METHOD**
[54] **PROCEDE ET APPAREIL DE DECODAGE AUDIO**
[72] SHIMADA, OSAMU, JP
[72] NEO, SUA HONG, SG
[72] TAKAMIZAWA, YUICHIRO, JP
[72] SERIZAWA, MASAHIRO, JP
[72] TANAKA, NAOYA, JP
[72] KUAH, KIM HANN, SG
[72] CHONG, KOK SENG, SG
[72] NOMURA, TOSHIYUKI, JP
[72] TSUSHIMA, MINEO, JP
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[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[71] NEC CORPORATION, JP
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[54] **A ONE TOUCH LEISURE TENT HAVING A CONNECTION LINK EASILY SEPARATED FROM AND ATTACHED TO ITS POLE**
[54] **TENTE A MONTAGE RAPIDE COMPORTANT UNE LIAISON DE CONNEXION FACILEMENT SEPAREE DE SON MAT ET FIXEE A CELUI-CI**
[72] CHANG, JAECHUL, KR
[71] CHANG, JAECHUL, KR
[85] 2004-06-07
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[87] 2003-06-12 (WO2003/048485)
[30] KR (2001/37462) 2001-12-05
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[54] **SYSTEME D'AIDE A L'AUDITION ET PROCEDE D'AIDE A L'AUDITION**
[72] WADA, HIROSHI, JP
[72] KOBAYASHI, TOSHIMITSU, JP
[72] KOIKE, TAKUJI, JP
[71] TOHOKU UNIVERSITY, JP
[85] 2004-06-07
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[54] **HEARING AID ASSEMBLY**
[54] **ENSEMBLE APPAREIL AUDITIF**
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[71] BORDEWIJK, LOURENS GEORGE, NL
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[30] NL (1019518) 2001-12-07

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[54] **STEERABLE PARACHUTE CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE POUR LE CONTROLE DE PARACHUTE MANOEUVRABLE**
[72] PRESTON, DANIEL, US
[71] ATAIR AEROSPACE, INC., US
[85] 2004-06-07
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[54] **PROCEDE POUR LA PRODUCTION D'UNE STRUCTURE DE SURFACE POURVUE D'UN FILM TRANSPARENT COMME COUCHE D'USURE, FILM TRANSPARENT RETICULABLE DE MANIERE PEROXYDIQUE SERVANT DE COUCHE D'USURE POUR DES REVETEMENTS DE SOL HETEROGENES ET REVETEMENTS DE SOL DE CE TYPE**
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[72] MCINNES, MALCOM BICKNELL, AU
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[54] **FORMES SALINES DE E-2-METHOXY-N-(3-{4-[3-METHL-4-(6-METHYLPYRIDIN-3-YLOXY)-PHENYLAMINO]-QUINAZOLIN-6-YL}-ALLYL)-ACETAMIDE**
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[54] **OSSATURE POUVANT ETRE FIXEE SUR UN PLATEAU DE TABLE SANS DISPOSITIFS DE FIXATION MECANIQUES**
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[72] ADAMS, RAY, US
[72] WINTER, DAVID C., US
[71] LIFETIME PRODUCTS, INC., US
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[54] **SYSTEM AND METHOD USING LEGACY SERVERS IN RELIABLE SERVER POOLS**
[54] **SYSTEME ET PROCEDE COMPRENANT L'UTILISATION DE SERVEURS PATRIMONIAUX DANS DES GROUPEMENTS DE SERVEURS FIABLES**
[72] NARAYANAN, RAM GOPAL LAKSHMI, US
[71] NOKIA CORPORATION, FI
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[54] **FOOT CONTROLLER WITH INTERLOCK CIRCUIT**
[54] **PEDALE A CIRCUIT DE BLOCAGE**
[72] NEUBERT, WILLIAM J., US
[72] HALL, MERLIN, US
[72] METZLER, MICHAEL E., US
[71] BAUSCH & LOMB INCORPORATED, US
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[54] **STRUCTURE OF POLICY INFORMATION FOR STORAGE, NETWORK AND DATA MANAGEMENT APPLICATIONS**
[54] **STRUCTURE D'INFORMATIONS DE POLICE POUR APPLICATIONS DE GESTION DE DONNEES, DE STOCKAGE ET DE RESEAU**
[72] GREENBLATT, BRUCE, US
[72] CHANDRA, CLAUDIA, US
[71] ARKIVIO, INC., US
[85] 2004-06-10
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[54] **FOOT CONTROLLER**
[54] **PEDALE**
[72] HALL, MERLIN, US
[72] METZLER, MICHAEL E., US
[71] BAUSCH & LOMB INCORPORATED, US
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[54] **NOVEL BENZODIFURANIMIDAZOLINE AND BENZOFURANIMIDAZOLINE DERIVATIVES AND THEIR USE FOR THE TREATMENT OF GLAUCOMA**
[54] **NOUVEAUX DERIVES DE BENZODIFURANE IMIDAZOLINE ET DE BENZOFURANE IMIDAZOLINE ET LEUR UTILISATION POUR TRAITER LE GLAUCOME**
[72] HELLBERG, MARK R., US
[72] FENG, ZIXIA, US
[71] ALCON, INC., CH
[85] 2004-06-10
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[54] **AVERMECTIN B1 DERIVATIVES HAVING AN AMINOSULFONYLOXY SUBSTITUENT IN THE 4''-POSITION**
[54] **DERIVES D'AVERMECTINE B1 COMPRENANT UN SUBSTITUANT AMINOSULFONYLOXY EN POSITION 4'**
[72] CASSAYRE, JEROME, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2004-06-10
[86] 2002-12-20 (PCT/EP2002/014671)
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[25] EN
[54] **CATALYTIC COMPOSITION FOR THE DEHYDROGENATION OF ALKYLAROMATIC HYDROCARBONS**
[54] **COMPOSITION CATALYTIQUE POUR LA DESHYDROGENATION D'HYDROCARBURES ALKYLAROMATIQUES**
[72] SANFILIPPO, DOMENICO, IT
[72] BARTOLINI, ANDREA, IT
[72] IEZZI, RODOLFO, IT
[71] SNAMPROGETTI S.P.A., IT
[85] 2004-06-10
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[25] EN
[54] **SURFACE ACOUSTIC WAVE IDENTIFICATION TAG HAVING ENHANCED DATA CONTENT AND METHODS OF OPERATION AND MANUFACTURE THEREOF**
[54] **ETIQUETTE D'IDENTIFICATION A ONDE ACOUSTIQUE DE SURFACE COMPRENANT UN CONTENU D'INFORMATIONS ET PROCEDES DE FONCTIONNEMENT ET DE FABRICATION CORRESPONDANTS**
[72] HARTMANN, CLINTON S., US
[71] RF SAW COMPONENTS, INCORPORATED, US
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[54] **CONVECTEUR ELECTRIQUE AMELIORE**
[72] LLANA GARCIA, PEDRO LUIS, ES
[71] CLIMASTAR THERMOSTONE, S.L., ES
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[25] EN
[54] **APPARATUS AND METHOD FOR NON-DESTRUCTIVE DATA STORAGE AND RETRIEVAL**
[54] **APPAREIL ET PROCEDE DE STOCKAGE ET DE RECUPERATION DE DONNEES SANS EFFET DESTRUCTEUR**
[72] GUDESEN, HANS GUDE, BE
[72] NORDAL, PER-ERIK, NO
[71] THIN FILM ELECTRONICS ASA, NO
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[54] **COMPLEX PACKAGING DEVICE**
[54] **EMBALLAGE COMPLEXE**
[72] SERRA GALDOS, ROSA, ELENA, ES
[71] SERRA GALDOS, ROSA, ELENA, ES
[85] 2004-06-10
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[54] **ORGANIC FIELD EFFECT TRANSISTOR WITH AN ORGANIC DIELECTRIC**
[54] **TRANSISTOR A EFFET DE CHAMP ORGANIQUE DOTE D'UN DIELECTRIQUE ORGANIQUE**
[72] MOHIALDIN-KHAFFAF, SOAD, GB
[72] OGIER, SIMON DOMINIC, GB
[72] LEEMING, STEPHEN WILLIAM, GB
[72] VERES, JANOS, GB
[71] AVECIA LIMITED, GB
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[54] **METHOD AND SYSTEM FOR GSM MOBILE STATION ROAMING TO IS-41**
[54] **PROCEDE ET SYSTEME PERMETTANT L'ITINERANCE D'UNE STATION MOBILE GSM EN IS-41**
[72] HEINZINGER, GREGORY, US
[72] JAIN, NIKHIL, US
[71] QUALCOMM INCORPORATED, US
[85] 2004-06-10
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[54] **CONTROL APPARATUS, CONTROLLABLE APPARATUS, REMOTE CONTROL SYSTEM AND REMOTE CONTROL METHOD USING THE SAME**
[54] **DISPOSITIF DE COMMANDE, APPAREIL POUVANT ETRE COMMANDE, SYSTEME DE TELECOMMANDE ET PROCEDE DE TELECOMMANDE UTILISANT CEUX-CI**
[72] ISEKI, TAKANOBU, JP
[71] FUJISOFT ABC INC., JP
[85] 2004-06-10
[86] 2002-12-11 (PCT/JP2002/012985)
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[54] **IMPROVEMENTS RELATING TO SMOKABLE FILLER MATERIALS**
[54] **AMELIORATIONS SE RAPPORTANT A DES MATIERES PREMIERES DU TABAC POUVANT ETRE FUMEES**
[72] WOODS, DEBRA DEMETER, GB
[72] MCADAM, KEVIN GERARD, GB
[72] GRIERSON, GORDON ROWATT, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[54] **METHOD FOR CONTINUOUS TENSION LEVELING OF ALUMINUM STRIP**
[54] **PROCEDE DE PLANAGE PAR TENSION CONTINUE D'UNE BANDE D'ALUMINIUM**
[72] BOLES, GARRY, CA
[72] LAGACE, HELENE, CA
[71] ALCAN INTERNATIONAL LIMITED, CA
[85] 2004-06-10
[86] 2002-12-20 (PCT/CA2002/001974)
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[54] **AN ABSORBENT HYGIENE PRODUCT**
[54] **PRODUIT D'HYGIENE ABSORBANT**
[72] GENTILCORE, GIOVANNI, GB
[72] COOK, JOHN ANTHONY, GB
[72] BEKKAOUI, ALI, GB
[71] SCIMAT LIMITED, GB
[85] 2004-06-10
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[25] EN
[54] **PACK OPENING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'OUVERTURE DE PAQUETS**
[72] KOKE, JOHN PAUL, NZ
[71] SEALED AIR (NZ) LIMITED, NZ
[85] 2004-06-10
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[87] 2003-07-03 (WO2003/053787)
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[54] **FFE ARRAY DISPENSER**
[54] **DISTRIBUTEUR A RESEAU POUR ELECTROPHORESE LIBRE (FFE)**
[72] MARKO-VARGA, GYOERGY, SE
[72] LAURELL, THOMAS, SE
[72] NILSSON, JOHAN, SE
[71] ASTRAZENECA AB, SE
[71] LAURELL, THOMAS, SE
[71] NILSSON, JOHAN, SE
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[25] EN
[54] **DEVICE AND METHOD USEABLE FOR INTEGRATED SEQUENTIAL SEPARATION AND ENRICHMENT OF PROTEINS**
[54] **DISPOSITIF ET PROCEDE UTILISES POUR LA SEPARATION SEQUENTIELLE INTEGREE ET L'ENRICHISSEMENT DES PROTEINES**
[72] NILSSON, JOHAN, SE
[72] LAURELL, THOMAS, SE
[72] MARKO-VARGA, GYOERGY, SE
[71] NILSSON, JOHAN, SE
[71] LAURELL, THOMAS, SE
[71] ASTRAZENECA AB, SE
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[54] **MOBILE JOINT WITH SEVERAL STABLE POSITIONS, SUITABLE FOR USE IN FURNITURE**
[54] **ARTICULATION MOBILE PRESENTANT PLUSIEURS POSITIONS STABLES, CONCUE POUR ETRE UTILISEE DANS UN MEUBLE**
[72] WULLUM, OLE PETTER, NO
[71] STOKKE GRUPPEN AS, NO
[85] 2004-06-11
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[25] EN
[54] **DOCKABLE PROCESSING MODULE FOR EXTRACTING MOLECULES FROM A SOLUTION**
[54] **MODULE DE TRAITEMENT ANCRABLE**
[72] WALLMAN, LARS, SE
[72] EKSTROEM, SIMON, SE
[72] MARKO-VARGA, GYOERGY, SE
[72] LAURELL, THOMAS, SE
[72] NILSSON, JOHAN, SE
[71] ASTRAZENECA AB, SE
[71] LAURELL, THOMAS, SE
[71] NILSSON, JOHAN, SE
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[54] **HIGH SENSITIVITY PROTEIN WORKSTATION AND TECHNIQUES**
[54] **STATION DE TRAVAIL ET TECHNIQUES PROTEIQUES A SENSIBILITE ELEVEE**
[72] NILSSON, JOHAN, SE
[72] LAURELL, THOMAS, SE
[72] MARKO-VARGA, GYORGY, SE
[71] NILSSON, JOHAN, SE
[71] LAURELL, THOMAS, SE
[71] ASTRAZENECA AB, SE
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[54] **LASER ENGRAVING METHODS AND COMPOSITIONS, AND ARTICLES HAVING LASER ENGRAVING THEREON**
[54] **COMPOSITIONS ET PROCEDES RELATIFS A UNE GRAVURE AU LASER ET ARTICLES AINSI GRAVES**
[72] LABREC, BRIAN, US
[72] JONES, ROBERT, US
[71] DIGIMARC ID SYSTEMS, LLC, US
[85] 2004-06-11
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[25] EN
[54] **METHODS OF INDUCING OVULATION USING A NON-POLYPEPTIDE CAMP LEVEL MODULATOR**
[54] **PROCEDE PERMETTANT D'INDUIRE L'OVULATION AU MOYEN D'UN MODULATEUR DU TAUX DE CAMP NON POLYPEPTIDIQUE**
[72] MACNAMEE, MICHAEL C., GB
[72] MCKENNA, SEAN, US
[72] TEPPER, MARK, US
[72] PALMER, STEPHEN, US
[72] ESHKOL, ALIZA, CH
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN
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[25] EN
[54] **SOLID COMPOSITIONS COMPRISING COMPOUNDS UNSTABLE TO OXYGEN AND METHOD FOR STABILIZING THEM**
[54] **COMPOSITIONS SOLIDES REFERMANT DES COMPOSES INSTABLES A L'OXYGENE ET PROCEDE DE STABILISATION DE CES COMPOSES**
[72] YAMASHITA, AKIO, JP
[72] HIRASHIMA, NAOKI, JP
[72] NONOMURA, MUNEO, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
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[54] **TWO-PART CLOSURE SYSTEM AND NOZZLE WITH GROOVE**
[54] **SYSTEME DE FERMETURE EN DEUX PARTIES ET BUSE AVEC RAINURE**
[72] KIEHNE, MARK, AU
[71] BABY BLISS INTERNATIONAL PTY LTD, AU
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[25] EN
[54] **MEDICAMENTS COMPRISING N, N'-DISUBSTITUTED PIPERAZINE COMPOUNDS AND THEIR USE**
[54] **MEDICAMENTS CONTENANT DES COMPOSES DE PIPERAZINE N, N'-DISUBSTITUES**
[72] SUNDERMANN, BERND, DE
[72] MAUL, CORINNA, DE
[72] BUSCHMANN, HELMUT, ES
[72] HAURAND, MICHAEL, DE
[72] URAGG, HEINZ, DE
[72] CHIZH, BORIS, GB
[71] GRUNENTHAL GMBH, DE
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[72] BAYER, CHRISTIAN, US
[71] PRECISION VALVE CORPORATION, US
[85] 2004-06-09
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[51] **Int.Cl. 7C08G 69/10 7C08G 83/00 7A61K 47/48**
[25] EN
[54] **DENDRITIC POLY (AMINO ACID) CARRIERS AND METHODS OF USE**
[54] **VECTEURS DE POLY(AMINOACIDES) DENDRITIQUES, ET PROCEDES D'UTILISATION**
[72] CHARNSANGAVEJ, CHUSILP, US
[72] WALLACE, SIDNEY, US
[72] LI, CHUN, US
[72] TANSEY, WAYNE, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS, US
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[87] 2003-07-10 (WO2003/055935)
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[30] US (10/327,455) 2002-12-20

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[25] EN
[54] **AUTOMATED TEST SEQUENCE EDITOR AND ENGINE FOR TRANSFORMER TESTING**
[54] **MOTEUR ET EDITEUR DE SEQUENCES D'ESSAIS AUTOMATISES POUR LA MISE A L'ESSAI DE TRANSFORMATEURS**
[72] HAMDAN, FADI ADEL, US
[71] ABB INC., US
[85] 2004-06-09
[86] 2002-12-20 (PCT/US2002/041344)
[87] 2003-07-03 (WO2003/054561)
[30] US (10/028,831) 2001-12-20

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[54] **METHODS FOR TREATMENT OR PROPHYLAXIS OF ALDOSTERONE-MEDIATED PATHOGENIC EFFECTGS IN A SUBJECT USING AN EPOXY-STEROIDAL ALDOSTERONE ANTAGONIST**
[54] **METHODES DESTINEES A TRAITER OU PREVENIR DES EFFETS PATHOGENES INDUITS PAR L'ALDOSTERONE CHEZ UN SUJET AU MOYEN D'UN ANTAGONISTE D'ALDOSTERONE EPOXY-STEROIDIEN**
[72] ROCHA, RICARDO, US
[72] FEDDE, KENTON N., US
[72] WILLIAMS, GORDON H., US
[72] FUNDER, JOHN W., AU
[72] GARTHWAITE, SUSAN M., US
[72] RONIKER, BARBARA, US
[71] PHARMACIA CORPORATION, US
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[51] **Int.Cl. 7C07D 513/04 7C07D 235/00 7C07D 285/00 7A61P 25/00 7A61K 31/41**
[25] EN
[54] **IMIDAZO [2,1-B]-1,3,4-THIADIAZOLE SUFLONAMIDES**
[54] **IMIDAZO [2,1-B]-1,3,4-THIADIAZOLE SULFONAMIDES**
[72] VILLENEUVE, GERALD, CA
[72] JAQUITH, JAMES B., CA
[72] GILLARD, JOHN W., CA
[72] BOUDREAULT, ALAIN, CA
[72] DURKIN, JON, CA
[72] MORRIS, STEPHEN, CA
[72] HEWITT, KIMBERLY, CA
[72] MARSH, H. NICHOLAS, US
[71] AEGERA THERAPEUTICS INC., CA
[85] 2004-06-11
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[87] 2003-06-26 (WO2003/051890)
[30] CA (2,364,985) 2001-12-14

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[13] A1
[51] **Int.Cl. 7G06K 15/00**
[25] EN
[54] **PET BASED MULTI-MULTI-LAYER SMART CARDS**
[54] **CARTES A PUCE A CONTACT AYANT UN NOYAU DOCUMENT ET CARTES A PUCE SANS CONTACT COMPRENANT UNE STRUCTURE MULTICOUCHE, UN DOCUMENT D'IDENTIFICATION A BASE DE PET**
[72] JONES, ROBERT, US
[72] BI, DAOSHEN, US
[72] ANDERSON, JOSEPH, US
[72] REGAN, THOMAS, US
[72] MAILLOUX, DENNIS, US
[71] DIGIMARC ID SYSTEMS, LLC, US
[85] 2004-06-11
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[87] 2003-07-10 (WO2003/056499)
[30] US (60/344,673) 2001-12-24
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[13] A1
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[25] EN
[54] **REGULATION OF A HYBRID FUEL CELL SYSTEM**
[54] **DISPOSITIF DE PILE A COMBUSTIBLE**
[72] PEARSON, MARTIN T., CA
[71] BALLARD POWER SYSTEMS INC., CA
[85] 2004-06-11
[86] 2002-12-12 (PCT/CA2002/001909)
[87] 2003-06-26 (WO2003/052860)
[30] US (10/017,470) 2001-12-14
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[13] A1
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[25] EN
[54] **IMPROVEMENTS IN PHARMACEUTICAL COMPOSITIONS**
[54] **AMELIORATIONS APPORTEES A DES COMPOSITIONS PHARMACEUTIQUES**
[72] ROBERTS, STANLEY MICHAEL, GB
[72] SANTORO, MARIA GABRIELLA, IT
[72] HAPPE, ALAN MICHAEL, GB
[71] CHARTERHOUSE THERAPEUTICS LIMITED, GB
[85] 2004-06-11
[86] 2002-12-16 (PCT/GB2002/005709)
[87] 2003-06-26 (WO2003/051893)
[30] GB (0129980.9) 2001-12-14
[30] GB (0207232.0) 2002-03-27

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[51] **Int.Cl. 7B01L 3/00**
[25] EN
[54] **METHODS AND DEVICES FOR REMOVAL OF ORGANIC MOLECULES FROM BIOLOGICAL MIXTURES USING ANION EXCHANGE**
[54] **PROCEDES ET DISPOSITIFS DE SUPPRESSION PAR ECHANGE D'ANIONS DE MOLECULES ORGANIQUES DANS DES MELANGES BIOLOGIQUES**
[72] PARTHASARATHY, RANJANI V., US
[72] BEISSEL, FRANK J., IV, US
[72] RAJAGOPAL, RAJ, US
[72] OLSON, ERIN E., US
[72] ROBOLE, BARRY W., US
[72] BEDINGHAM, WILLIAM, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2004-06-10
[86] 2002-11-27 (PCT/US2002/037973)
[87] 2003-07-03 (WO2003/054509)
[30] US (10/027,222) 2001-12-20

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[13] A1
[51] **Int.Cl. 7B01L 3/00**
[25] EN
[54] **METHOD AND DEVICE FOR REMOVAL OF ORGANIC MOLECULES**
[54] **PROCEDES ET DISPOSITIFS D'EXTRACTION DE MOLECULES ORGANIQUES DE MELANGES BIOLOGIQUES AU MOYEN D'UN SUPPORT SOLIDE HYDROPHILE DANS UNE MATRICE HYDROPHOBE**
[72] MORRIS, VICKY L., US
[72] BEDINGHAM, WILLIAM, US
[72] PARTHASARATHY, RANJANI V., US
[72] ROBOLE, BARRY W., US
[72] RAJAGOPAL, RAJ, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[87] 2003-07-03 (WO2003/054510)
[30] US (10/027,226) 2001-12-20

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[51] **Int.Cl. 7A61L 12/08 7A61L 12/14**
[25] EN
[54] **COMPOSITION FOR TREATING CONTACT LENSES IN THE EYE**
[54] **COMPOSITION PERMETTANT DE TRAITER DES LENTILLES DE CONTACT DANS L'OEIL**
[72] LEVER, ANDREA, US
[72] HU, ZHENZE, US
[72] SIMPSON, LISA C., US
[71] BAUSCH & LOMB, INCORPORATED, US
[85] 2004-06-10
[86] 2002-12-10 (PCT/US2002/039523)
[87] 2003-07-03 (WO2003/053480)
[30] US (60/343,086) 2001-12-20

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[13] A1
[51] **Int.Cl. 7A61K 51/00**
[25] EN
[54] **RADIOACTIVE ION**
[54] **ION RADIOACTIF**
[72] OTTEWELL, DAVID F., CA
[72] D'AURIA, JOHN MICHAEL, CA
[72] ZYUZIN, ALEXANDER, CA
[72] VINCENT, JOHN S., CA
[72] HARSHMAN, DALE R., US
[72] RUTH, THOMAS J., CA
[71] THE UNIVERSITY OF ALBERTA, THE UNIVERSITY OF BRITISH COLUMBIA, CARLETON UNIVERSITY, SIMON FRASER UNIVERSITY AND THE UNIVERSITY OF VICTORIA, COLLECTIVELY DOING BUSINESS AS TRIUMF, CA
[85] 2004-06-10
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[87] 2003-07-03 (WO2003/053509)
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[13] A1
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[25] EN
[54] **ELECTROLYTIC TILT SENSOR**
[54] **DETECTEUR D'INCLINAISON ELECTROLYTIQUE**
[72] GREWAY, CHARLES E., US
[71] THE FREDERICKS COMPANY, US
[85] 2004-06-10
[86] 2002-12-13 (PCT/US2002/040039)
[87] 2003-07-03 (WO2003/054476)
[30] US (10/021,822) 2001-12-13

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[13] A1
[51] **Int.Cl. 7C08K 5/134 7C08L 35/00 7C08L 75/04 7C08L 23/36**
[25] EN
[54] **STABILISING COMPOSITION I**
[54] **COMPOSITION STABILISATRICE I**
[72] HEIDENFELDER, THOMAS, DE
[72] APPEL, MANFRED, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2004-06-11
[86] 2002-12-13 (PCT/EP2002/014235)
[87] 2003-06-26 (WO2003/051975)
[30] DE (101 61 861.1) 2001-12-14

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[13] A1
[51] **Int.Cl. 7C09D 9/00**
[25] EN
[54] **CYCLIC ETHER BASED PAINT REMOVER**
[54] **DECAPANT A BASE D'ETHER CYCLIQUE**
[72] HENSLEY, CHRISTOPHER H., US
[71] AERO-CHEM, LLC, US
[85] 2004-06-11
[86] 2002-12-03 (PCT/US2002/039944)
[87] 2003-06-26 (WO2003/052004)
[30] US (60/340,178) 2001-12-14

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[13] A1
[51] **Int.Cl. 7B22D 41/08 7B22D 11/10**
[25] EN
[54] **TUN DISH AND METHOD FOR PRODUCTION OF A METAL STRIP OF HIGH PURITY**
[54] **PANIER DE COULEE ET PROCEDE POUR PRODUIRE UNE BARRE METALLIQUE DE GRANDE PURETE**
[72] MOERWALD, KARL, AT
[72] ECKERSTORFER, GERALD, AT
[72] HOHENBICHLER, GERALD, AT
[72] BRUMMAYER, MARKUS, AT
[72] HOEDL, HEINZ, AT
[71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO., AT
[85] 2004-06-11
[86] 2002-12-04 (PCT/EP2002/013687)
[87] 2003-06-26 (WO2003/051560)
[30] AT (A 1961/2001) 2001-12-14

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[51] **Int.Cl. 7C07D 487/04 7A61P 13/00 7A61P 19/02 7A61P 27/02 7A61P 35/04 7A61P 11/06 7A61P 37/08 7A61P 9/10 7A61K 31/519**
[25] EN
[54] **PYRROLOPYRIMIDINE A2B SELECTIVE ANTAGONIST COMPOUNDS, THEIR SYNTHESIS AND USE**
[54] **COMPOSES D'ANTAGONISTES SELECTIFS DE PYRROLOPYRIMIDINE A2B, LEUR SYNTHESE ET LEUR UTILISATION**
[72] MCKIBBEN, BRYAN, US
[72] CASTELHANO, ARLINDO L., US
[72] STEINIG, ARNO G., US
[71] OSI PHARMACEUTICALS, INC., US
[85] 2004-06-11
[86] 2002-12-20 (PCT/US2002/040890)
[87] 2003-07-03 (WO2003/053361)
[30] US (60/343,443) 2001-12-20

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[13] A1
[51] **Int.Cl. 7F04D 15/00 7F04D 27/00 7F02C 9/18**
[25] EN
[54] **COMPRESSOR UNIT WITH CONTROL SYSTEM**
[54] **UNITE DE COMPRESSION COMPRENANT UN SYSTEME DE COMMANDE**
[72] JACOBSSON, ROLF ALEXIS, SE
[71] ATLAS COPCO TOOLS AB, SE
[85] 2004-06-11
[86] 2002-12-06 (PCT/SE2002/002254)
[87] 2003-06-26 (WO2003/052276)
[30] SE (0104204-3) 2001-12-14

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[13] A1
[51] **Int.Cl. 7B29C 70/44**
[25] EN
[54] **NONWOVEN AND METHOD FOR PRODUCING FIBERGLASS-REINFORCED OR CARBON FIBER-REINFORCED SYNTHETIC MATERIALS**
[54] **NON-TISSE ET PROCEDES DE PRODUCTION DE MATIERES SYNTHETIQUES RENFORCEES PAR FIBRES DE VERRE OU DE CARBONE**
[72] LAURIDSEN, KELD, DK
[71] FIBERTEX A/S, DK
[85] 2004-06-11
[86] 2002-11-27 (PCT/EP2002/013379)
[87] 2003-07-03 (WO2003/053660)
[30] DE (101 60 956.6) 2001-12-12

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[13] A1
[51] **Int.Cl. 7G01M 3/26 7G01F 1/00**
[25] EN
[54] **DEVICE FOR DETECTING LEAKAGE OF LIQUIID IN TANK**
[54] **DISPOSITIF SERVANT A DETECTER UNE FUITE DE LIQUIDE DANS UN RESERVOIR**
[72] KAWANISHI, TOSHIAKI, JP
[72] YAMAGISHI, KIYOSHI, JP
[72] KOIKE, ATSUSHI, JP
[72] NAKAMURA, TOSHIMI, JP
[72] TAKAHATA, TAKAYUKI, JP
[71] MITSUI MINING & SMELTING CO., LTD., JP
[85] 2004-06-11
[86] 2002-12-13 (PCT/JP2002/013077)
[87] 2003-06-26 (WO2003/052372)
[30] JP (2001-381756) 2001-12-14
[30] JP (2002-10147) 2002-01-18
[30] JP (2002-10148) 2002-01-18
[30] JP (2002-17384) 2002-01-25

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[13] A1
[51] **Int.Cl. 7A47B 13/00**
[25] EN
[54] **PIVOTAL CONNECTION OF A SUPPORT BRACE TO A TABLE LEG AND A TABLE TOP**
[54] **CONNEXION PIVOTANTE D'UNE ENTRETOISE DE SUPPORT A UN PIED ET A UN PLATEAU DE TABLE**
[72] STRONG, L. CURTIS, US
[72] ADAMS, RAY, US
[71] LIFETIME PRODUCTS, INC., US
[85] 2004-06-14
[86] 2003-04-09 (PCT/US2003/012455)
[87] 2003-10-23 (WO2003/086147)
[30] US (60/371,486) 2002-04-09
[30] US (10/408,469) 2003-04-08

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[13] A1
[51] **Int.Cl. 7G01S 5/14 7H04Q 7/38**
[25] EN
[54] **POSITION DETERMINATION SYSTEM THAT USES A CELLULAR COMMUNICATION SYSTEM**
[54] **SYSTEME DE DETERMINATION D'UN SYSTEME UTILISANT UN SYSTEME DE COMMUNICATIONS CELLULAIRES**
[72] STEIN, JEREMY, IL
[72] RICK, ROLAND R., US
[72] AMERGA, MESSAY, US
[72] RISTIC, BORISLAV, US
[72] BHATIA, ASHOK, US
[72] FERNANDEZ-CORBATON, IVAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2004-06-11
[86] 2002-12-12 (PCT/US2002/040040)
[87] 2003-06-26 (WO2003/052451)
[30] US (60/340,804) 2001-12-14
[30] US (10/102,361) 2002-03-19

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[13] A1
[51] **Int.Cl. 7G06F 3/00 7G06F 15/16**
[25] EN
[54] **TRACKING USER FLOW OF WEB PAGES OF A WEB SITE**
[54] **SUIVI DU FLUX UTILISATEUR DE PAGES D'UN SITE WEB**
[72] BELLARE, KIRAN, US
[72] DESAI, SACHIN, US
[71] ORACLE CORPORATION, US
[85] 2004-06-11
[86] 2002-12-11 (PCT/US2002/039772)
[87] 2003-06-26 (WO2003/052571)
[30] US (10/016,947) 2001-12-13

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[13] A1
[51] **Int.Cl. 7D06M 16/00 7D06M 13/00 7D06M 15/00 7D06M 15/227 7D06M 13/322 7D06M 13/35 7D06M 15/643**
[25] EN
[54] **METHOD OF PRODUCING FABRIC**
[54] **PROCEDE DE PRODUCTION DE TISSU**
[72] ZHANG, YU-GAO, CA
[71] GUANGDONG ESQUEL KNITTERS CO., LTD., CN
[85] 2004-06-11
[86] 2003-01-17 (PCT/CN2003/000042)
[87] 2003-07-24 (WO2003/060222)
[30] CN (02101957.6) 2002-01-18
[30] US (10/281,781) 2002-10-28

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[13] A1
[51] **Int.Cl. 7B65D 81/34 7B65D 77/22**
[25] EN
[54] **PACKAGING AND SEALING TOOL FOR PRODUCTION THEREOF**
[54] **EMBALLAGE ET OUTIL DE SCELLAGE POUR LA FABRICATION D'UN TEL EMBALLAGE**
[72] FENN-BARRABASS, CHRISTIAN, DE
[71] HUHTAMAKI RONSBERG ZWEIGNIEDERLASSUNG DER HUHTAMAKI DEUTSCHLAND GMBH & C O. KG, DE
[85] 2004-06-11
[86] 2002-12-13 (PCT/EP2002/014242)
[87] 2003-06-26 (WO2003/051745)
[30] DE (201 20 253.0) 2001-12-14
[30] DE (102 11 593.1) 2002-03-15

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[13] A1
[51] **Int.Cl. 7A61K 9/16 7A61K 31/7048**
[25] EN
[54] **METHODS FOR WET GRANULATING AZITHROMYCIN**
[54] **PROCEDES DE GRANULATION PAR VOIE HUMIDE D'AZITHROMYCINE**
[72] FERGIONE, MICHAEL BRUCE, US
[72] JOHNSON, BARBARA ALICE, US
[71] PFIZER PRODUCTS INC., US
[85] 2004-06-11
[86] 2002-12-09 (PCT/IB2002/005338)
[87] 2003-07-03 (WO2003/053399)
[30] US (60/343,469) 2001-12-21

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[13] A1
[51] **Int.Cl. 7B29C 45/00 7B65C 9/00 7B65D 1/00 7B29C 49/06 7B29C 49/24**
[25] EN
[54] **LABEL LEDGE FOR INJECTION MOLDED CONTAINERS**
[54] **RELIEF D'ETIQUETAGE POUR RECIPIENTS MOULES PAR INJECTION**
[72] GRAHAM, BRIAN K., US
[71] IML BY IDESIGN LLC, US
[85] 2004-06-11
[86] 2002-12-23 (PCT/US2002/041351)
[87] 2003-07-24 (WO2003/059595)
[30] US (60/342,730) 2001-12-21
[30] US (10/327,499) 2002-12-20

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[13] A1
[51] **Int.Cl. 7C07C 49/753 7C07F 7/18 7A61P 25/28 7A61K 31/695**
[25] EN
[54] **IMPROVEMENTS IN PHARMACEUTICAL COMPOSITIONS**
[54] **AMELIORATIONS RELATIVES A DES COMPOSITIONS PHARMACEUTIQUES**
[72] SANTORO, MARIA GABRIELLA, IT
[72] HAPPE, ALAN MICHAEL, GB
[72] ROBERTS, STANLEY MICHAEL, GB
[72] DAUVERGNE, JEROME, GB
[71] CHARTERHOUSE THERAPEUTICS LIMITED, GB
[85] 2004-06-11
[86] 2002-12-16 (PCT/GB2002/005708)
[87] 2003-06-26 (WO2003/051807)
[30] GB (0129979.1) 2001-12-14
[30] GB (0207232.0) 2002-03-27

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[13] A1
[51] **Int.Cl. 7C07D 471/04 7C07D 405/12 7A61K 31/505 7C07D 213/89**
[25] EN
[54] **TRIAZOLO-QUINOLIN DERIVATIVES USEFUL AS ADENOSINE RECEPTOR LIGANDS**
[54] **DERIVES TRIAZOLO-QUINOLINE UTILES EN TANT QUE LIGANDS RECEPTEURS D'ADENOSINE**
[72] BOER, KINGA, HU
[72] WALCZ, ERZSEBET, HU
[72] ARANYI, PETER, HU
[72] KAPUI, ZOLTAN, HU
[72] HAJDU, FELIX, HU
[72] T. NAGY, LAJOS, HU
[72] SZABO, TIBOR, HU
[72] MIKUS, ENDRE, HU
[72] BALAZS, LASZLO, HU
[72] TIMARI, GEZA, HU
[72] URBAN-SZABO, KATALIN, HU
[72] BATORI, SANDOR, HU
[72] BENCE, JUDIT, HU
[71] SANOFI-SYNTHELABO, FR
[85] 2004-06-11
[86] 2002-12-17 (PCT/HU2002/000143)
[87] 2003-07-03 (WO2003/053968)
[30] HU (P 0105407) 2001-12-21

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[13] A1
[51] **Int.Cl. 7C07C 323/56 7A61K 31/192**
[25] EN
[54] **3-PHENYL-2-ARYLALKYLTHIOPROPIONIC ACID DERIVATIVES AS SELECTIVE AGONISTS OF PPAR-ALPHA**
[54] **DERIVES D'ACIDE 3-PHENYL-2-ARYLALKYLTHIOPROPIONIQUE UTILISES COMME AGONISTES SELECTIFS DE PPAR-ALPHA**
[72] ALSTERMARK LINDSTEDT, EVA-LOTTE, SE
[72] BOIJE, ANNA MARIA PERSDOTTER, SE
[72] HOLM, PATRIK, SE
[71] ASTRAZENECA AB, SE
[85] 2004-06-11
[86] 2002-12-18 (PCT/GB2002/005743)
[87] 2003-06-26 (WO2003/051826)
[30] SE (0104333-0) 2001-12-19

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[13] A1
[51] **Int.Cl. 7C07D 471/04 7A61P 9/00 7A61K 31/47**
[25] EN
[54] **IMIDAZOQUINOLINE DERIVATIVES**
[54] **DERIVES D'IMIDAZOQUINOLEINE**
[72] URBAN-SZABO, KATALIN, HU
[72] TIMARI, GEZA, HU
[72] MIKUS, ENDRE, HU
[72] T. NAGY, LAJOS, HU
[72] KAPUI, ZOLTAN, HU
[72] BATORI, SANDOR, HU
[72] BALOGH, MARIA, HU
[72] VARGANE SZEREDI, JUDIT, HU
[72] BOER, KINGA, HU
[72] BALAZS, LASZLO, HU
[72] GERBER, KATALIN, HU
[72] ARANYI, PETER, HU
[71] SANOFI-SYNTHELABO, FR
[85] 2004-06-11
[86] 2002-12-17 (PCT/HU2002/000144)
[87] 2003-07-03 (WO2003/053969)
[30] HU (P 0105406) 2001-12-21

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[13] A1
[51] **Int.Cl. 7B32B 3/26 7A61F 2/02 7C25F 3/08**
[25] EN
[54] **TEXTURED SURFACE HAVING UNDERCUT MICRO RECESSES IN A SURFACE**
[54] **SURFACE STRUCTUREE COMPRENANT DES MICROCAVITES CREUSEES DANS UNE SURFACE**
[72] AMRICH, MARK, US
[72] ROLFE, JONATHAN L., US
[72] BUTURLIA, JOSEPH, US
[72] LYNCH, ROBERT F., US
[71] TECOMET, INC., US
[85] 2004-06-11
[86] 2002-12-12 (PCT/US2002/039743)
[87] 2003-07-03 (WO2003/053669)
[30] US (60/340,286) 2001-12-12
[30] US (60/356,459) 2002-02-11
[30] US (60/388,033) 2002-06-12
[30] US (60/391,957) 2002-06-25
[30] US (10/202,575) 2002-07-24

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[13] A1
[51] **Int.Cl. 7G02B 23/12**
[25] EN
[54] **VIDEO ENHANCED NIGHT VISION GOGGLE**
[54] **LUNETTES DE VISION NOCTURNE RENFORCEE PAR VIDEO**
[72] BRILLHART, STEVEN, US
[72] MATTEY, DAVID, US
[72] DOBBIE, BLAIR, US
[72] WILLEY, CHARLES, US
[71] ITT MANUFACTURING ENTERPRISES, INC., US
[85] 2004-06-11
[86] 2002-12-20 (PCT/US2002/040729)
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[54] **MEMBRANES BIOCOMPATIBLES ET PILES A COMBUSTIBLE PRODUITES A L'AIDE DE CES MEMBRANES**
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[72] KIM, MIN-GOO, KR
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[54] **PROCEDE AMELIORE DE TRAITEMENT DE PRODUITS ALIMENTAIRES, D'ALIMENTS POUR ANIMAUX OU DE PRODUITS AGRICOLES PAR UN COMPOSE ANTIFONGIQUE POLYENE**
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[54] **SEPARATEUR HYDROCYCLONE, BOITE DE RECUPERATION DE LIQUIDE ET RECIPIENT SOUS PRESSION**
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[54] **CATALYSEUR SUPPORTE CONTENANT DU TITANE ACTIF UTILISE DANS L'HOMOPOLYMERISATION, LA COPOLYMERISATION ET LA TERPOLYMERISATION DE COMPOSES NON SATURES EN OLEFINES**
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[72] PROTO, ANTONIO, IT
[72] POLESELLO, MARIO, IT
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[54] **COMPOSES DE CARBAMATE DE POLYETHER, COMPOSITIONS CONTENANT DE TELS COMPOSES, ET PROCEDES ASSOCIES**
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[72] TAYLOR, CATHY A., US
[72] YICHUN JIA, CHRISTIANA, US
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[54] **UTILISATION D'ALKYLPHOSPHOCHOLINES POUR TRAITER PREVENTIVEMENT DES MALADIES CAUSEES PAR DES PROTOZOAIRES**
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[72] DUGGAN, MICHELE C., US
[72] KALAFSKY, ROBERT E., US
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[54] **UTILISATION D'ARN BICATENAIRE LORS D'UNE INTERVENTION THERAPEUTIQUE STRATEGIQUE D'UNE THERAPIE ANTIRETROVIRALE HAUTEMENT ACTIVE**
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[72] STRAYER, DAVID R., US
[71] HEMISPHERX BIOPHARMA, US
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[54] **STRUCTURE D'ELECTRODE POUR DISPOSITIFS ELECTRONIQUES ET OPTOELECTRONIQUES**
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[72] BEIERLEIN, TILMAN A., CH
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[54] **COMPRIME PELLICULE MATRICIEL A LIBERATION CONTROLEE DE MELANGES NATURELS D'OESTROGENES CONJUGUES**
[72] KRISTEN, GERHARD, DE
[72] THUMBECK, BERND, DE
[72] BUDDE, KLAUS, DE
[72] WIARDS, MARGIT, DE
[71] SOLVAY PHARMACEUTICALS GMBH., DE
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[54] **PREFORMULATION POUR LA MISE EN COMPRIMES DE MELANGES NATURELS D'OESTROGENES CONJUGUES**
[72] LERCH, MARTINA, DE
[72] BONNACKER, INGO, DE
[72] THUMBECK, BERND, DE
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[54] **USE OF SELECTIVE PDE5 INHIBITORS FOR TREATING PARTIAL AND GLOBAL RESPIRATORY FAILURE**
[54] **NOUVELLE UTILISATION D'INHIBITEURS DE PDE5**
[72] SCHUDT, CHRISTIAN, DE
[72] GHOFRANI, ARDESCHIR HOSSEIN, DE
[72] GRIMMINGER, FRIEDRICH JOSEF, DE
[71] ALTANA PHARMA AG, DE
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[54] **MECANISME D'ENTRAINEMENT**
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[71] ATLAS COPCO SECOROC AB, SE
[71] STJERNSTROEM, KARL AXEL, SE
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[25] EN
[54] **3-(PHENYL-ALKOXY)-5-(PHENYL)-PYRIDINE DERIVATIVES AND RELATED COMPOUNDS AS KINASE INHIBITORS FOR THE TREATMENT OF CANCER**
[54] **INHIBITEURS DE KINASE**
[72] HUTCHINS, CHARLES, US
[72] GIRANDA, VINCENT L., US
[72] GONG, JIANCHUN, US
[72] STOLL, VINCENT S., US
[72] ABRAMS, JASON N., US
[72] DINGES, JURGEN, US
[72] ZHU, GUI-DONG, US
[72] DIEBOLD, ROBERT, US
[72] SONG, XIAOHONG, US
[72] ROSENBERG, SAUL H., US
[72] FISCHER, JOHN P., US
[72] LI, QUN, US
[72] GANDHI, VIRAJ, US
[72] WOODS, KEITH W., US
[72] PACKARD, GARRICK, US
[72] THOMAS, SHEELA A., US
[72] LI, TONGMEI, US
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[54] **PROCEDE DE PREPARATION D'ESCITALOPRAM**
[72] PETERSEN, HANS, DK
[72] AHMADIAN, HALEH, DK
[71] H. LUNDBECK A/S, DK
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[54] **MARTEAU DE FORAGE POUR FONDS DE TROU**
[72] STJERNSTROEM, KARL AXEL, SE
[72] GREIJER, THOMAS, SE
[71] ATLAS COPCO SECOROC AB, SE
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[54] **DEVICE AND METHOD FOR LONGITUDINALLY FOLDING A STACK OF WEBS**
[54] **DISPOSITIF ET PROCEDE DE PLIAGE LONGITUDINAL D'UNE PILE DE BANDES**
[72] PURCELL, RICKY W., US
[72] GLASS, ADAM, US
[72] PADAK, RONALD R., US
[72] EVANS, JOHN H., US
[72] LONG, LESLIE T., US
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[54] **INTEGRATED PROCESSING OF NATURAL GAS INTO LIQUID PRODUCTS**
[54] **TRAITEMENT INTEGRE DU GAZ NATUREL EN PRODUITS LIQUIDES**
[72] GRADASSI, MICHAEL J., US
[72] SAWCHUK, JEFFREY H., US
[72] FISCHER-CALDERON, ERNESTO, US
[72] BRISCOE, MICHAEL D., US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **LACTAMS AS TACHYKININ ANTAGONISTS**
[54] **LACTAMES AGISSANT COMME DES ANTAGONISTES DE LA TACHYKININE**
[72] STOBIE, ALAN, GB
[72] MIDDLETON, DONALD STUART, GB
[71] PFIZER INC., US
[85] 2004-06-10
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[25] EN
[54] **ONE-PART ORGANOPOLYSILOXANE RUBBER FOR HIGH VOLTAGE ELECTRICAL INSULATOR**
[54] **CAOUTCHOUC SIMPLE D'ORGANOPOLYSILOXANE UTILISABLE DANS UN ISOLATEUR ELECTRIQUE HAUTE TENSION**
[72] HUDA, FAISAL, CA
[72] HUDA, SERAJ UL, CA
[72] AHMED, FAROOQ, CA
[72] BARR, JOHN, CA
[71] CSL SILICONES INC., CA
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[54] **EXPANDABLE IN-EAR DEVICE**
[54] **DISPOSITIF INTRA-AURICULAIRE A VOLUME VARIABLE**
[72] MCINTOSH, IAN, CA
[72] SAULCE, ROGER, CA
[71] SONOMAX HEARING HEALTHCARE INC., CA
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[54] **TARGETED INCENTIVES BASED UPON PREDICTED BEHAVIOR**
[54] **STIMULATIONS CIBLEES SE BASANT SUR UN COMPORTEMENT PREDIT**
[72] DAVIS, MARK, US
[71] CATALINA MARKETING INTERNATIONAL, INC., US
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[54] **TOILET TISSUE AND METHOD OF PRODUCTION**
[54] **PAPIER HYGIENIQUE ET SON PROCEDE DE PRODUCTION**
[72] MCCONNELL, WESLEY JAMES, US
[72] HU, SHENG-HSIN, US
[72] MITCHELL, JOSEPH, US
[72] HSU, JAY CHIEHLUNG, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **SURFACTANT-POLYMER COMPOSITION FOR SUBSTANTIALLY SOLID-FREE WATER BASED DRILLING, DRILL-IN, AND COMPLETION FLUIDS**
[54] **COMPOSITION DE TENSIOACTIF-POLYMERE POUR FLUIDES DE FORAGE, DE FORAGE INTERNE ET DE COMPLETION AQUEUX, SENSIBLEMENT DEPOURVUS DE SOLIDES**
[72] QUINTERO, LIRIO, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **DISK-BRAKE LOCK FOR A MOTORCYCLE**
[54] **VERROUILLAGE DE FREIN A DISQUE DE MOTOCYCLE**
[72] HOGESTA, EFRAEYIM, IL
[71] HOGESTA, EFRAEYIM, IL
[85] 2004-06-10
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[54] **GANTS EN ELASTOMERE AVEC ENFILAGE FACILITE**
[72] KISTER, MARY, US
[72] MODHA, SHANTI, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **PROCESS FOR MANUFACTURING A CELLULOSIC PAPER PRODUCT EXHIBITING REDUCED MALODOR**
[54] **PROCEDE POUR FABRIQUER UN ARTICLE EN PAPIER CELLULOSIQUE PRODUISANT UN NIVEAU REDUIT DE MAUVAISES ODEURS**
[72] SUN, TONG, US
[72] TANNER, JAMES J., US
[72] SPENCE, TAMEKA, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **ELECTROLUMINESCENCE ELEMENT AND PRODUCTION METHOD THEREFOR**
[54] **ELEMENT ELECTROLUMINESCENT ET PROCEDE PERMETTANT DE PRODUIRE CET ELEMENT**
[72] TSENG, PETER, TW
[71] TSENG, PETER, TW
[71] UEZAWA, TOSHIKAZU, JP
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[54] **SEPARATEUR POUR PILE A COMBUSTIBLE**
[72] TASHIRO, NORIJI, JP
[72] SUZUKI, TAKAYUKI, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
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[54] **PROCESS FOR MANUFACTURING A CELLULOSIC PAPER PRODUCT EXHIBITING REDUCED MALODOR**
[54] **PROCEDE POUR FABRIQUER UN ARTICLE EN PAPIER CELLULOSIQUE PRODUISANT UN NIVEAU REDUIT DE MAUVAISES ODEURS**
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[72] ANDERSON, RALPH, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **PROCEDE D'INHIBITION DE L'AGGLUTINATION DUE AU GEL SUR DES MATERIAUX D'AGREGAT**
[72] SCHILLING, KEVIN H., US
[71] GRAIN PROCESSING CORPORATION, US
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[54] **SYSTEME ET PROCEDE POUR CONVERSION EN CHEQUE ELECTRONIQUE A UN TERMINAL POINT DE VENTE**
[72] HAYES, JEFFERY ALAN, US
[72] RAEZER, MARK EVANS, US
[72] GEORGE, JOHN L., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **NUCLEOSIDES N4-ACYLCYTOSINES POUR LE TRAITEMENT D'INFECTIONS VIRALES**
[72] WATANABE, KYOICHI A., US
[72] OTTO, MICHAEL J., US
[72] SHI, JUNXING, US
[71] PHARMASSET, LTD., BB
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[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[25] EN
[54] **A HEAT EXCHANGER PLATE, A PLATE PACK AND A PLATE HEAT EXCHANGER**
[54] **PLAQUE D'ECHANGEUR THERMIQUE, GROUPE DE PLAQUES ET ECHANGEUR THERMIQUE A PLAQUES**
[72] BLOMGREN, RALF ERIK, SE
[71] ALFA LAVAL CORPORATE AB, SE
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[54] **MONTURE DE LUNETTES**
[72] SPINDELBALKER, RUPERT, AT
[71] SILHOUETTE INTERNATIONAL SCHMIED AG, AT
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[25] EN
[54] **HEADING GAS INJECTION SYSTEM (HGIS) DIRECT INJECTION SYSTEM**
[54] **SYSTEME D'INJECTION DIRECTE**
[72] AUER, GERHARD, AT
[71] AUER, GERHARD, AT
[85] 2004-06-14
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[25] EN
[54] **GLOVE DONNING DELIVERY SYSTEM AND METHOD OF USING SAME**
[54] **SYSTEME DE DISTRIBUTION POUR ENFILAGE DES GANTS ET PROCEDE D'UTILISATION**
[72] SHIPP, PETER W., JR., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[72] STROOBANTS, MARCEL, BE
[72] VERCAUTEREN, PIERRE, BE
[71] STROOBANTS, MARCEL, BE
[71] VERCAUTEREN, PIERRE, BE
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[54] **SYSTEME DISTRIBUTEUR D'ALIMENTATION ANIMALE AUTOMATIQUE**
[72] DAVE W. VAAGS, CA
[71] DAVE W. VAAGS, CA
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[25] EN
[54] **METHOD FOR INACTIVATING BACTERIA AND LEUKOCYTES IN THROMBOCYTE SUSPENSIONS**
[54] **PROCEDE D'INACTIVATION DE BACTERIES ET DE LEUCOCYTES DANS DES SUSPENSIONS TROMBOCYTAIRES**
[72] MOHR, HARALD, DE
[71] BLUTSPENDEDIENST DER LANDESVERBANDE DES DEUTSCHEN ROTEN KREUZES NIEDERSACHSEN, OLDENBURG UND BREMEN G.G.M.B.H., DE
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[87] 2003-06-26 (WO2003/051404)
[30] DE (101 62 712.2) 2001-12-19

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[25] EN
[54] **METHOD AND APPARATUS FOR ENHANCING FILTRATION YIELDS IN TANGENTIAL FLOW FILTRATION**
[54] **PROCEDE ET APPAREIL D'AMELIORATION DES RENDEMENTS DE FILTRATION EN FILTRATION TANGENTIELLE**
[72] SCHICK, KARL G., US
[71] SCILOG, INC., US
[85] 2004-06-14
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[54] **EMBALLAGE PRESENTANT UNE ARMATURE GONFLEE**
[72] FERRI, ISABELLA, IT
[72] GRANILI, ANDREA, US
[72] SANTAGOSTINO, STEFANO, IT
[72] ROVEDA, CARMEN, IT
[72] PALUMBO, RICCARDO, IT
[71] CRYOVAC, INC., US
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[72] COPELAND, JOHN A., III, US
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[54] **IMPLANTS EN SUBSTITUT OSSEUX EN PHOSPHATE DE CALCIUM, USINABLES ET PREFORMES**
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[72] KRAUSE, MICHELE, US
[72] LEE, DOSUK D., US
[71] ETEX CORPORATION, US
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[54] **PROCEDE D'ELIMINATION D'IMPURETES A PARTIR DE FINES D'ALUMINE SECONDAIRE ET D'UNE MATIERE CONTENANT DE L'ALUMINE ET/OU DU FLUOR**
[72] BADE, OTTO MORTEN, NO
[72] DAHL, IVAR, NO
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[71] LIFETIME PRODUCTS, INC., US
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[54] **IMPLANT ET PROCEDE DE FABRICATION D'UNE STRUCTURE DE SURFACE SUR L'IMPLANT**
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[71] NOBEL BIOCARE AB, SE
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[54] **INHIBITEURS DE LA PROTEINE KINASE**
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[72] XIA, PING, US
[72] SHAM, HING L., US
[71] ABBOTT LABORATORIES, US
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[54] **IMPLANT ET PROCEDE ET SYSTEME DE PRODUCTION DUDIT IMPLANT**
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[54] **SAC EN PAPIER ET EN PLASTIQUE, EMBALLAGES SOUPLES ET AUTRES CONTENANTS A DISPOSITIF REFERMABLE ET PROCEDE DE FABRICATION CORRESPONDANT**
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[72] KORNFELT, TROELS, DK
[72] JENSEN, MICHAEL BECH, DK
[72] HANSEN, BIRTHE LYKKEGAARD, DK
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[72] WANKE, THOMAS, DE
[72] OBERSTE-PADTBERG, RUEDIGER, DE
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[54] **METHODS FOR PARTICLE-ASSISTED POLYNUCLEOTIDE IMMUNIZATION USING A PULSED ELECTRIC FIELD**
[54] **PROCEDES D'IMMUNISATION ASSISTEE PAR PARTICULES REPOSANT SUR L'UTILISATION D'UN CHAMP ELECTRIQUE PULSE**
[72] RABUSSAY, DIETMAR P., US
[72] ZHANG, LEI, US
[72] WIDERA, GEORG, US
[71] GENETRONICS, INC., US
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[71] REHRIG PACIFIC COMPANY, US
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[54] **APPAREIL D'ESSAI DE PERCOLATION**
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[71] ARCAID INTERNATIONAL LIMITED, IE
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[25] EN
[54] **METHOD OF USING ELECTRICAL AND ACOUSTIC ANISOTROPY MEASUREMENTS FOR FRACTURE IDENTIFICATION**
[54] **PROCEDE D'UTILISATION DE MESURES ELECTRIQUES ET D'ANISOTROPIE ACOUSTIQUE POUR L'IDENTIFICATION DE FRACTURE**
[72] KRIEGSHAUSER, BERTHOLD, US
[72] FANINI, OTTO N., US
[72] YU, LIMING, US
[72] WANG, TSILI, US
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[54] **SUPPORT ET OUTIL DE MANIPULATION D'ECHANTILLON DESTINES POUR TESTS DE DIAGNOSTIC**
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[72] MCMICHAEL, DONALD J., US
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[54] **PROCEDE POUR REDUIRE LES ODEURS INDESIRABLES GENEREES PAR DES SERVIETTES EN PAPIER**
[72] SPENCE, TAMEKA, US
[72] ANDERSON, RALPH, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[25] EN
[54] **A METHOD AND APPARATUS FOR ISOLATION OF IONIC SPECIES BY ELECTRODIALYSIS**
[54] **PROCEDE ET DISPOSITIF POUR L'ISOLATION D'UNE ESPECE IONIQUE DANS UN LIQUIDE**
[72] RYPE, JENS-ULRIK, DK
[72] JONSSON, GUNNAR, DK
[72] GARDE, ARVID, DK
[71] JURAG SEPARATION A/S, DK
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[54] **METHOD OF OPENING FOR BAGS OF SUPPLE POLYMERIC MATERIAL SUBJECT TO INTERLAYER CLING**
[54] **PROCEDE D'OUVERTURE DE SACS FAITS D'UN MATERIAU POLYMERIQUE SOUPLE A ADHERENCE INTERCOUCHE**
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[54] **METHOD AND APPARATUS FOR EXTRACTING PIXEL VALUES**
[54] **PROCEDE ET APPAREIL D'EXTRACTION DE VALEURS DE PIXEL**
[72] JIANG, JIANMIN, GB
[72] XU, LI-QUN, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
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[54] **MICROCAPSULES ET COMPOSITIONS POUR ADMINISTRATION PAR VOIE ORALE CONTENANT CES MICROCAPSULES**
[72] MAEDA, YOSHIAKI, JP
[72] ORIKOSHI, HIDEYUKI, JP
[72] SASAKI, YASUSHI, JP
[72] HAYASHI, HIDEO, JP
[71] SAN-EI GEN F.F.I., INC., JP
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[54] **APPAREIL ET PROCEDE DE GENERATION D'ENERGIE**
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[71] M INTERNATIONAL, LLC, US
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[54] **PROCEDE DE REALISATION DE REVETEMENTS**
[72] AUER, HEINZ-JOCHEN, DE
[72] BELIK, PAVEL, DE
[72] DESCH, WOLFRAM, DE
[72] SCHOLL, SYBILLE, DE
[72] STREIT, JUERGEN, DE
[72] RAAB, DIETER, DE
[72] KRALL, STEFAN, DE
[71] ROEHM GMBH & CO., KG, DE
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[54] **RESEAU MRL BIDIRECTIONNEL PROTEGE**
[72] PERSSON, ULF NILS-AKE, SE
[72] OEBERG, MAGNUS, SE
[71] LUMENTIS AB, SE
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[54] **COMPOSITION PHARMACEUTIQUE DESTINEE AU TRAITEMENT DU PSORIASIS ET D'AUTRES PATHOLOGIES CUTANEES**
[72] LARRANAGA LAZCANO, LIDIA, ES
[72] PIDAL FERNANDEZ, ROSALIA, ES
[72] TOMASI SCIANO, GIUSEPPE, IT
[71] LITAPHAR LABORATORIOS S.A., ES
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[54] **MATRICES DE MOTIFS METALLIQUES TOLERANT LES MAUVAISES CONDITIONS D'UTILISATION POUR DES MATERIAUX D'EMBALLAGE DESTINES A LA CUISSON AUX MICRO-ONDES**
[72] LAI, LAURENCE M. C., CA
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[72] CONNELL, RICHARD A., US
[72] MORGAN, PAMELA, US
[72] GULLO, JOHN, US
[72] WANISH, PAUL, US
[72] HURD, JONATHAN J., JR., US
[72] STICKLER, VANTRESA SCOTT, US
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[54] **MICROCAPSULES UNIFORMES**
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[72] SEEHAFER, TROY RONALD, US
[71] APPLETON PAPERS INC., US
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[54] **FIBRES DE FAIBLE DENIER, A ALLONGEMENT ELEVE, OBTENUES PAR FILAGE A VITESSE D'EXTRUSION ELEVEE**
[72] BOND, ERIC BRYAN, US
[72] MELIK, DAVID HARRY, US
[72] MANSFIELD, MICHELE ANN, US
[72] ARORA, KELYN ANNE, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **REACTEUR A BULLES A COMBUSTIBLE EN SUSPENSION FONCTIONNANT DANS UN REGIME A FLUX GAZEUX HOMOGENE AGITE**
[72] ZHANG, JIANPING, US
[72] ESPINOZA, RAFAEL L., US
[72] MOHEDAS, SERGIO R., US
[71] CONOCOPHILIPS COMPANY, US
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[54] **N,N'-DISUBSTITUTED PIPERAZINE COMPOUNDS AND THEIR USE AS ANALGESICS**
[54] **COMPOSES DE PIPERAZINE N,N'-DISUBSTITUES ET LEUR UTILISATION COMME ANALGESIQUES**
[72] HENNIES, HAGEN-HEINRICH, DE
[72] SUNDERMANN, BERND, DE
[72] MAUL, CORINNA, DE
[72] BUSCHMANN, HELMUT, ES
[72] URAGG, HEINZ, DE
[71] GRUENENTHAL GMBH, DE
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[54] **CADRE D'AMELIORATION ACCELEREE D'UN PROCEDE**
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[72] MILLER, MICHAEL P., US
[72] REBOK, CHRISTINE, US
[72] DANG, GARY, US
[72] HUCK, STEVEN, US
[72] AU-YEUNG, ANNA, US
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[51] **Int.Cl. 7B32B 3/12 7B21D 47/00**
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[54] **HONEYCOMB MATERIAL AND METHODS FOR PRODUCING IT**
[54] **MATERIAU EN NID D'ABEILLES ET PROCEDES DE PRODUCTION CORRESPONDANTS**
[72] ROUKEMA, MEES, NL
[72] BOESENKOOL, ROELOF, NL
[71] CORUS STAAL B.V., NL
[85] 2004-06-10
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[25] EN
[54] **HERBAL COMPOSITION FOR IMPROVING ORAL HYGIENE, AND METHODS OF USING SAME**
[54] **COMPOSITION MEDICINALE PERMETTANT D'AMELIORER L'HYGIENE BUCCALE ET PROCEDES D'UTILISATION CORRESPONDANT**
[72] WOLFSON, PHILIP E., US
[71] PHYTOS, INC., US
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[30] US (10/014,909) 2001-12-14

[21] **2,470,465**
[13] A1
[51] **Int.Cl. 7G01N 27/327 7C12Q 1/00 7C12Q 1/26 7C12Q 1/28 7C12Q 1/34**
[25] EN
[54] **IMPROVED BIOSENSOR AND METHOD**
[54] **BIOCAPTEUR AMELIORE ET PROCEDE ASSOCIE**
[72] WINARTA, HANDANI, US
[72] CAI, XIAOHUA, US
[72] YOUNG, CHUNG CHANG, US
[71] NOVA BIOMEDICAL CORPORATION, US
[85] 2004-06-10
[86] 2002-07-29 (PCT/US2002/024833)
[87] 2003-02-13 (WO2003/012422)
[30] US (09/919,126) 2001-07-31

[21] **2,470,466**
[13] A1
[51] **Int.Cl. 7A61K 9/00 7A61K 31/726 7A61K 31/728**
[25] EN
[54] **COMBINATIONS OF VISCOELASTICS FOR USE DURING SURGERY**
[54] **COMBINAISONS DE PRODUITS VISCOELASTIQUES A L'USAGE DE LA CHIRURGIE**
[72] JAFARI, MASOUD R., US
[72] MARKWARDT, KERRY L., US
[72] DOSHI, UDAY, US
[71] ALCON, INC., CH
[85] 2004-06-10
[86] 2002-11-13 (PCT/US2002/036548)
[87] 2003-07-17 (WO2003/057187)
[30] US (60/342,918) 2001-12-21

[21] **2,470,497**
[13] A1
[51] **Int.Cl. 7E06B 9/322 7E06B 9/90**
[25] EN
[54] **BRAKE FOR A CORDLESS BLIND**
[54] **DISPOSITIF DE BLOCAGE POUR UN STORE SANS FIL**
[72] CIUCA, ZAZU, US
[72] PALMER, ROGER C., US
[71] NEWELL WINDOW FURNISHINGS, INC., US
[85] 2004-06-11
[86] 2002-11-19 (PCT/US2002/037168)
[87] 2003-06-26 (WO2003/052233)
[30] US (10/016,981) 2001-12-14

[21] **2,470,547**
[13] A1
[51] **Int.Cl. 7B23K 26/40**
[25] EN
[54] **LASER ETCHED SECURITY FEATURES FOR IDENTIFICATION DOCUMENTS AND METHODS OF MAKING SAME**
[54] **ELEMENTS DE SECURITE GRAVE AU LASER DESTINES A DES DOCUMENTS D'IDENTIFICATION ET PROCEDES DE FABRICATION DE CES ELEMENTS**
[72] THEODOSSIOU, GEORGE, US
[72] JONES, ROBERT, US
[71] DIGIMARC ID SYSTEMS, LLC, US
[85] 2004-06-11
[86] 2002-12-24 (PCT/US2002/041644)
[87] 2003-07-10 (WO2003/055638)
[30] US (60/344,716) 2001-12-24

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[21] **2,470,575**
[13] A1
[51] **Int.Cl. 7C07D 471/10 7C07D 209/00 7C07D 221/00 7C07D 263/00 7C07D 265/00 7C07D 519/00 7A61P 9/00 7A61P 25/00 7C07D 498/10 7C07D 513/10 7A61K 31/438 7A61K 31/537**
[25] EN
[54] **SPIROAZACYCLIC COMPOUNDS AS MONOAMINE RECEPTOR MODULATORS**
[54] **COMPOSES SPIROAZACYCLIQUES UTILISES COMME MODULATEURS DU RECEPTEUR DE MONOAMINE**
[72] SCHLIENGER, NATHALIE, DK
[71] ACADIA PHARMACEUTICALS INC., US
[85] 2004-06-11
[86] 2002-12-23 (PCT/US2002/041476)
[87] 2003-07-17 (WO2003/057698)
[30] US (60/344,750) 2001-12-28

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[21] **2,470,578**
[13] A1
[51] **Int.Cl. 7C07D 417/06 7C07D 221/00 7C07D 279/00 7A61P 43/00 7C07D 451/02 7C07D 401/04 7C07D 513/04 7C07D 413/06 7A61K 31/435**
[25] EN
[54] **TETRAHYDROQUINOLINE ANALOGUES AS MUSCARINIC AGONISTS**
[54] **ANALOGUES DE TETRAHYDROQUINOLINE UTILES COMME AGONISTES MUSCARINIQUES**
[72] FRIBERG, BO LENNART MIKAEL, SE
[72] TOLF, BO-RAGNAR, DK
[72] KOCH, KRISTIAN NORUP, DK
[72] SKJAERBAEK, NIELS, DK
[71] ACADIA PHARMACEUTICALS INC., US
[85] 2004-06-11
[86] 2002-12-23 (PCT/US2002/041617)
[87] 2003-07-17 (WO2003/057672)
[30] US (60/344,722) 2001-12-28

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[21] **2,470,600**
[13] A1
[51] **Int.Cl. 7G06K 19/06 7B42D 15/00 7G06K 5/00**
[25] EN
[54] **SYSTEMS, COMPOSITIONS, AND METHODS FOR FULL COLOR LASER ENGRAVING OF ID DOCUMENTS**
[54] **SYSTEMES, COMPOSITIONS ET PROCEDES DE GRAVURE AU LASER EN COULEUR DE DOCUMENTS D'IDENTIFICATION**
[72] JONES, ROBERT, US
[71] DIGIMARC ID SYSTEMS, LLC, US
[85] 2004-06-11
[86] 2002-12-24 (PCT/US2002/041681)
[87] 2003-07-10 (WO2003/056507)
[30] US (60/344,674) 2001-12-24

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[21] **2,471,566**
[13] A1
[51] **Int.Cl. 7A61K 31/167 7A61K 31/17 7A61K 31/192 7A61K 31/216 7A61K 31/40 7A61K 31/4025 7A61K 31/4164 7A61K 31/4184 7A61K 31/437 7A61K 31/438 7A61K 31/4468 7A61K 31/454 7A61K 31/47 7A61K 31/4725 7A61K 31/496**
[25] EN
[54] **COMBINATION OF MTP INHIBITORS OR APOB SECRETION INHIBITORS WITH FIBRATES FOR USE AS DRUGS**
[54] **COMBINAISON D'INHIBITEURS DE MTP OU D'INHIBITEURS DE SECRETIONS APOB AVEC DES FIBRATES EN VUE D'UNE UTILISATION COMME MEDICAMENT**
[72] THOMAS, LEO, DE
[72] MARK, MICHAEL, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2004-06-14
[86] 2003-01-07 (PCT/EP2003/000057)
[87] 2003-07-17 (WO2003/057205)
[30] DE (102 00 633.4) 2002-01-10
[30] DE (102 56 184.2) 2002-12-02

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[13] A1
[51] **Int.Cl. 7G01C 21/26 7G06F 19/00 7B60R 25/00 7B60R 16/02**
[25] EN
[54] **RECONFIGURABLE MENU DISPLAY FOR A VEHICLE NAVIGATION SYSTEM**
[54] **AFFICHAGE DE MENU RECONFIGURABLE POUR SYSTEME DE NAVIGATION DE VEHICULE**
[72] KADI, ABDUL-MAJEED, US
[72] PIETRAS, DAVID J., US
[72] ISSA, NABIL M., US
[71] DAIMLERCHRYSLER CORPORATION, US
[22] 2004-01-19
[41] 2004-07-31
[30] US (10/355,568) 2003-01-31

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[21] **2,457,511**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7G06F 3/14 7H04L 12/24 7H04L 12/54**
[25] EN
[54] **METHOD, APPARATUS, AND USER INTERFACE FOR MANAGING ELECTRONIC MAIL AND ALERT MESSAGES**
[54] **METHODE, APPAREIL ET INTERFACE UTILISATEUR SERVANT A LA GESTION DU COURRIER ELECTRONIQUE ET DES MESSAGES D'AVERTISSEMENT**
[72] DALEY, PAUL, US
[72] SAREEN, CHAITANYA DEV, US
[72] WHITE, CHRISTOPHER CAMERON, US
[72] BACIOIU, RADU, US
[72] BEEMAN, ANTHONY JOSEPH, US
[72] ARCURI, MICHAEL PHILIP, US
[71] MICROSOFT CORPORATION, US
[22] 2004-02-12
[41] 2004-08-14
[30] US (10/367,271) 2003-02-14

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[21] **2,466,197**
[13] A1
[51] **Int.Cl. 7G01N 1/00 7G01N 1/02 7G01N 30/04 7G01N 1/28 7G01N 1/34**
[25] EN
[54] **DEVICE AND METHOD FOR MICRO SORBENT EXTRACTION AND DESORPTION**
[54] **DISPOSITIF ET METHODE D'EXTRACTION ET DE DESORPTION MICRO SORBANT**
[72] PAWLISZYN, JANUSZ, CA
[71] PAWLISZYN, JANUSZ, CA
[22] 2004-05-13
[41] 2004-05-13
[30] US (60/333,062) 2001-11-26
[30] CA (PCT/CA02/01811) 2002-11-26

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[21] **2,471,101**
[13] A1
[51] **Int.Cl. 7B01D 46/10 7B01D 35/30**
[25] EN
[54] **AIR TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE L'AIR**
[72] O'CONNOR, JOHN F., JR., US
[72] ABEREGG, DALE, US
[72] NIEZGODA, THOMAS, US
[72] RICK, BRADLEY G., US
[72] PIPPEL, BRADLEY J., US
[71] ACCESS BUSINESS GROUP INTERNATIONAL LLC, US
[22] 1997-06-03
[41] 1997-12-18
[62] 2,256,443
[30] US (08/661,589) 1996-06-11
[30] US (08/665,004) 1996-06-11
[30] US (08/665,003) 1996-06-11
[30] US (08/661,604) 1996-06-11
[30] US (08/661,590) 1996-06-11
[30] US (08/661,375) 1996-06-11

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[21] **2,471,124**
[13] A1
[51] **Int.Cl. 7H04Q 7/36 7H04B 7/26**
[25] EN
[54] **CHANNEL ESTIMATION DEVICE AND METHOD, DEMODULATING DEVICE AND METHOD, AND FADING FREQUENCY DETERMINING DEVICE AND METHOD**
[54] **METHODE ET DISPOSITIF D'ESTIMATION DE CANAL, METHODE ET DISPOSITIF DE DEMODULATION ET METHODE ET DISPOSITIF POUR DETERMINER L'AFFAIBLISSEMENT DE FREQUENCE**
[72] USUDA, MASAFUMI, JP
[72] ONOE, SEIZO, JP
[72] ANDO, HIDEHIRO, JP
[72] ISHIKAWA, YOSHIHIRO, JP
[72] OKUMURA, YUKIHIKO, JP
[71] NTT DOCOMO, INC., JP
[22] 2000-03-31
[41] 2000-10-12
[62] 2,333,954
[30] JP (11-96804) 1999-04-02
[30] JP (11-340638) 1999-11-30
[30] JP (2000-82929) 2000-03-23

[21] **2,471,134**
[13] A1
[51] **Int.Cl. 7G06T 5/00 7G06T 7/00 7G06F 3/14 7G06T 11/40**
[25] EN
[54] **IMAGE FILLING METHOD, APPARATUS AND COMPUTER READABLE MEDIUM FOR REDUCING FILLING PROCESS IN PRODUCING ANIMATION**
[54] **METHODE DE REMPLISSAGE D'IMAGE ET APPAREIL ET SUPPORT LISIBLE PAR UN ORDINATEUR POUR REDUIRE LE PROCESSUS DE REMPLISSAGE DANS LA PRODUCTION D'ANIMATION**
[72] AOKI, MASAKATSU, JP
[72] TERANISHI, KYOKO, JP
[72] KOTANI, NAOYA, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[22] 2000-05-24
[41] 2000-11-25
[62] 2,309,378
[30] JP (11-145116) 1999-05-25
[30] JP (11-152162) 1999-05-31
[30] JP (11-204600) 1999-07-19
[30] JP (2000-061221) 2000-03-06

[21] **2,471,150**
[13] A1
[51] **Int.Cl. 7B01D 46/10 7B01D 35/30**
[25] EN
[54] **AIR TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE L'AIR**
[72] O'CONNOR, JOHN F., JR., US
[72] ABEREGG, DALE, US
[72] NIEZGODA, THOMAS, US
[72] PIPPEL, BRADLEY J., US
[72] RICK, BRADLEY G., US
[71] ACCESS BUSINESS GROUP INTERNATIONAL LLC, US
[22] 1997-06-03
[41] 1997-12-18
[62] 2,256,443
[30] US (08/661,589) 1996-06-11
[30] US (08/665,004) 1996-06-11
[30] US (08/665,003) 1996-06-11
[30] US (08/661,604) 1996-06-11
[30] US (08/661,590) 1996-06-11
[30] US (08/661,375) 1996-06-11

[21] **2,471,159**
[13] A1
[51] **Int.Cl. 7G06T 11/40 7G06T 5/00 7G06F 3/14**
[25] EN
[54] **IMAGE FILLING METHOD, APPARATUS AND COMPUTER READABLE MEDIUM FOR REDUCING FILLING PROCESS IN PRODUCING ANIMATION**
[54] **METHODE DE REMPLISSAGE D'IMAGE ET APPAREIL ET SUPPORT LISIBLE PAR UN ORDINATEUR POUR REDUIRE LE PROCESSUS DE REMPLISSAGE DANS LA PRODUCTION D'ANIMATION**
[72] KOTANI, NAOYA, JP
[72] TERANISHI, KYOKO, JP
[72] AOKI, MASAKATSU, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[22] 2000-05-24
[41] 2000-11-25
[62] 2,309,378
[30] JP (11-145116) 1999-05-25
[30] JP (11-152162) 1999-05-31
[30] JP (11-204600) 1999-07-19
[30] JP (2000-061221) 2000-03-06

[21] **2,471,168**
[13] A1
[51] **Int.Cl. 7G06T 11/40 7G06T 5/00**
[25] EN
[54] **IMAGE FILLING METHOD, APPARATUS AND COMPUTER READABLE MEDIUM FOR REDUCING FILLING PROCESS IN PRODUCING ANIMATION**
[54] **METHODE DE REMPLISSAGE D'IMAGE ET APPAREIL ET SUPPORT LISIBLE PAR UN ORDINATEUR POUR REDUIRE LE PROCESSUS DE REMPLISSAGE DANS LA PRODUCTION D'ANIMATION**
[72] KOTANI, NAOYA, JP
[72] AOKI, MASAKATSU, JP
[72] TERANISHI, KYOKO, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[22] 2000-05-24
[41] 2000-11-25
[62] 2,309,378
[30] JP (11-145116) 1999-05-25
[30] JP (11-152162) 1999-05-31
[30] JP (11-204600) 1999-07-19
[30] JP (2000-061221) 2000-03-06

[21] **2,471,364**
[13] A1
[51] **Int.Cl. 7B60P 7/08 7B61D 45/00**
[25] EN
[54] **LOAD SECURING ANCHOR**
[54] **ANCRAGE POUR SECURISER UN CHARGEMENT**
[72] ZHAN, MARK Y., US
[72] THOMSON, STUART H., US
[71] HOLLAND COMPANY, US
[22] 2000-12-13
[41] 2001-06-13
[62] 2,328,340
[30] US (09/459,545) 1999-12-13

[21] **2,471,494**
[13] A1
[51] **Int.Cl. 7A61D 7/00 7A61K 9/00 7A61M 31/00**
[25] EN
[54] **DELIVERY SYSTEM COMPRISING MEANS FOR CONTROLLING INTERNAL PRESSURE**
[54] **SYSTEME DISTRIBUTEUR DOTE DE MOYENS DE REGULATION DE LA PRESSION INTERNE**
[72] PEERY, JOHN R., US
[72] MARUYAMA, FREDERICK H., US
[72] ECKENHOFF, JAMES B., US
[72] WRIGHT, JEREMY C., US
[71] ALZA CORPORATION, US
[22] 1991-01-18
[41] 1991-07-25
[62] 2,034,522
[30] US (469,861) 1990-01-24

[21] **2,471,757**
[13] A1
[51] **Int.Cl. 7A61L 27/34 7C08H 1/00 7C08J 7/04 7A61L 27/04 7A61L 27/22 7C08J 3/24 7C08J 3/28 7A61L 27/54**
[25] EN
[54] **ELASTIN, AND ELASTIN-BASED BIOMATERIALS AND PROCESS**
[54] **BIOMATERIAUX CONSTITUES D'ELASTINE OU A BASE D'ELASTINE ET PROCEDE ASSOCIE**
[72] GRUNKEMEIER, JOHN, US
[72] GREGORY, KENTON W., US
[71] PROVIDENCE HEALTH SYSTEM-OREGON, US
[22] 1995-04-04
[41] 1996-05-23
[62] 2,205,038
[30] US (08/341,881) 1994-11-15

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[21] **2,471,780**
[13] A1
[51] **Int.Cl. 7A61B 19/10 7A61M 1/00 7C09J 7/04 7A61B 19/08**
[25] EN
[54] **SURGICAL DRAPE AND SUCTION HEAD FOR WOUND TREATMENT**
[54] **CHAMP STERILE ET BEC D'ASPIRATION POUR LE TRAITEMENT DES PLAIES**
[72] HEATON, KEITH PATRICK, GB
[72] HUNT, KENNETH WILLIAM, GB
[71] KCI LICENSING, INC., US
[22] 1998-09-09
[41] 1999-03-25
[62] 2,303,085
[30] GB (9719520.0) 1997-09-12

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[21] **2,471,970**
[13] A1
[51] **Int.Cl. 7B41J 2/01**
[25] EN
[54] **HIGH DEFINITION THERMAL INK-JET PRINTER**
[54] **IMPRIMANTE THERMIQUE HAUTE DEFINITION A JET D'ENCRE**
[72] ERTEL, JOHN P., US
[72] VINCENT, KENT D., US
[72] NGUYEN, MICHAEL A., US
[71] HEWLETT-PACKARD COMPANY, US
[22] 1991-08-20
[41] 1992-04-20
[62] 2,415,305
[30] US (600,640) 1990-10-19

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[21] **2,472,084**
[13] A1
[51] **Int.Cl. 7A23G 3/06 7A23G 3/02**
[25] EN
[54] **KNEADING DEVIVE AND ROPESIZER**
[54] **DISPOSITIF DE PETRISSAGE ET CALIBREUSE DE BOUDINS**
[72] OHNO, YOSHIHIRO, JP
[72] MASUKAWA, SUMIO, JP
[72] KIMURA, TSUGUO, JP
[72] KANAI, AKISHIGE, JP
[71] MORINAGA & CO., LTD., JP
[22] 2000-11-13
[41] 2002-05-13
[62] 2,369,335

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[21] **2,472,085**
[13] A1
[51] **Int.Cl. 7A61K 47/48 7A61P 7/00 7C07K 1/113 7A61K 38/19 7A61K 47/30**
[25] EN
[54] **N-TERMINALLY CHEMICALLY MODIFIED PROTEIN COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS DE PROTEINES AYANT SUBI UNE MODIFICATION CHIMIQUE A L'EXTREMITE N-TERMINALE ET PROCEDES**
[72] FARRAR, CHRISTINE E., US
[72] GABRIEL, NANCY E., US
[72] DEPRINCE, RANDOLPH B., US
[72] KINSTLER, OLAF B., US
[71] AMGEN INC., US
[22] 1995-02-08
[41] 1996-04-25
[62] 2,307,142
[30] US (08/321,510) 1994-10-12

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[21] **2,472,176**
[13] A1
[51] **Int.Cl. 7G01D 11/00 7G01D 11/24**
[25] EN
[54] **SENSOR**
[54] **CAPTEUR**
[72] DREYER, VOLKER, DE
[72] KUHNY, JUTTA, DE
[71] ENDRESS + HAUSER GMBH + CO., DE
[22] 1999-09-01
[41] 2000-03-02
[62] 2,281,216
[30] EP (98 11 6545.9) 1998-09-02

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[21] **2,472,355**
[13] A1
[51] **Int.Cl. 7B41J 2/21 7C09D 11/02**
[25] EN
[54] **INK JET PRINTING PROCESS**
[54] **PROCEDE D'IMPRESSION PAR JET D'ENCRE**
[72] LUCA, DAVID J., US
[72] SMITH, THOMAS W., US
[72] MCGRANE, KATHLEEN M., US
[72] LIMBURG, WILLIAM W., US
[71] XEROX CORPORATION, US
[22] 1999-08-05
[41] 2000-03-11
[62] 2,439,739
[30] US (09/152,100) 1998-09-11

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[21] **2,472,373**
[13] A1
[51] **Int.Cl. 7A61K 31/337 7A61K 9/00 7A61L 31/10 7A61L 31/16 7A61K 47/30 7A61L 27/34 7A61K 47/36 7A61K 47/42 7A61L 27/54**
[25] EN
[54] **COMBINATION OF PACLITAXEL AND A POLYMER**
[54] **COMBINAISON DE PACLITAXEL ET D'UN POLYMERE**
[72] HUNTER, WILLIAM L., CA
[72] ARSENAULT, A. LARRY, CA
[72] MACHAN, LINDSAY S., CA
[71] ANGIOTECH PHARMACEUTICALS, INC., CA
[22] 1994-07-19
[41] 1995-02-02
[62] 2,167,268
[30] US (08/094,536) 1993-07-19

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[21] **2,472,404**
[13] A1
[51] **Int.Cl. 7A61L 31/10 7A61K 9/00 7A61L 31/16 7A61L 27/22 7A61K 47/30 7A61K 31/337 7A61L 27/34 7A61K 47/36 7A61K 47/42 7A61L 27/54**
[25] EN
[54] **COMBINATION OF STENT AND ANTI-ANGIOGENIC FACTOR**
[54] **COMBINAISON DE STENT ET D'UN FACTEUR ANTI-ANGIOGENIQUE**
[72] JACKSON, JOHN K., CA
[72] ARSENAULT, A. LARRY, CA
[72] HUNTER, WILLIAM L., CA
[72] MACHAN, LINDSAY S., CA
[72] BURT, HELEN M., CA
[71] ANGIOTECH PHARMACEUTICALS, INC., CA
[71] UNIVERSITY OF BRITISH COLUMBIA, CA
[22] 1994-07-19
[41] 1995-02-02
[62] 2,167,268
[30] US (08/094,536) 1993-07-19

[21] **2,472,608**
[13] A1
[51] **Int.Cl. 7B65D 30/22 7B65D 30/02 7B65D 81/18 7B65D 85/50**
[25] EN
[54] **IMPROVED CONTAINERS FOR PARENTERAL FLUIDS**
[54] **RECIPIENTS AMELIORES POUR FLUIDES PARENTERAUX**
[72] BERGLUND, KJELL, SE
[72] BROOLING, CATHRINE, SE
[72] SKOLLING, OTTO, SE
[72] LUNDMARK, STEFAN, SE
[72] GUSTAFSSON, BO, SE
[71] FRESENIUS KABI AB, SE
[22] 1997-04-09
[41] 1997-10-16
[62] 2,250,152
[30] SE (9601348-7) 1996-04-10

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